

14th
Edition

Since 1978

Run with Us!



Electronic Security & Communication

Wholesale Product Catalogue



- CCTV SURVEILLANCE PRODUCTS
- HOME & COMMERCIAL ALARMS
- ACCESS CONTROL SYSTEMS
- CAR ALARMS & GPS TRACKING
- FIRE SAFETY PRODUCTS
- BUSINESS PHONE SYSTEMS
- POWER SUPPLIES & CABLES



WHY RHINO?

RhinoCo Technology has been an integral part of the electronic security industry since 1978.

Our company is proudly Australian-owned and still growing after 31 years in business. We have become best known over the years for our world renowned Rhino™ brand of vehicle security systems, our Watchguard™ brand of wireless security and surveillance systems, our Securview™ range of professional video surveillance equipment and our EasyPBX™ business phone systems.

Since 1978 we have been designing "in-house" our own range of electronic security products. We have a team of dedicated hardware and software engineers that focus on key product areas.

Manufacturing:

For over thirty years we have manufactured in Australia using advanced techniques. In fact, RhinoCo Technology was one of the first in Australia to adopt surface-mount production technology. The desire to export products worldwide at competitive prices has changed our manufacturing process. Now the majority of our low end production is undertaken by our ISO9001 quality certified factories in Taiwan & China.

OEM Engineering & Contract Manufacturing:

We have produced many OEM designs for numerous clients over the years, particularly in the areas of wireless radio interfaces, vehicle security systems and wireless video transmission. We have supplied complete wireless add-on alarm solutions for major alarm control panel manufacturers, designed custom vehicle security systems for armoured vehicle fleets, control panel wireless interfaces and wireless digital video transmission equipment, to name a few.

Procurement/Customised Product Solutions:

As well as our own designed and produced products, we have established long-term relationships with key electronic security and technology suppliers around the world. Due to our vast range and experience in almost all areas of electronic security, we are often called upon to develop customised solutions. Do you have a mobile video surveillance solution with online GPS tracking, integrated alarm/immobiliser and wireless duress button? Or can you supply a completely wireless, multi-channel, solar powered, wireless digital CCTV solution with remote access? Whatever our client requirements, we will strive to provide the winning solution.

Worldwide Sales & Distribution:

In Australia we have a large customer base of industry trade professionals, government departments and major retailers. Our product range caters for these distinct markets. Our recent appointment in Australia as official resellers of JVC and Samsung Techwin CCTV products now allows us to cater to all levels of the CCTV market.

Outside Australia we have established our own branch offices in the United Kingdom, Italy and South Africa to market and distribute our range. We are able to ship factory direct worldwide to enable us to be highly competitive in the markets we choose to enter.

The Future:

This year we celebrate our 31st year in the electronic security industry - no small feat in this highly competitive market!

We aim to be more than your average electronic security wholesaler/distributor and will strive to be an engineering design house at your service.

We look forward to continually expanding our business both locally and internationally and we will always endeavour to support you, our valued customer, with the largest range of leading-edge, value for money products with the best technical support in the industry.

Let us prove it to you!



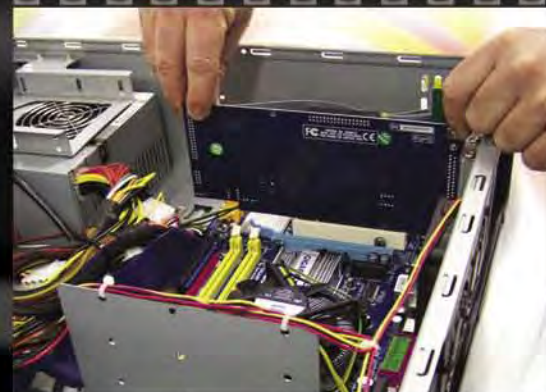
Security Master Licence: 407530935

Due to continual product advancement, specifications and appearance are subject to change without notice.

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We are A Lot More Than Your Average Electronic Security Wholesaler/Distributor



We Are Your Engineering Design House Product Development Services Available



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JVC

The Perfect Experience, /-



NOW AVAILABLE FROM RHINOCO TECHNOLOGY

RhinoCo Technology is proud to announce that it has been appointed as an official distributor of JVC Professional products in Australia. JVC is widely regarded as an industry leader in surveillance equipment with an extensive range of premium quality products including cameras, lenses, monitors and digital video recorders. All analogue CCTV cameras are backed by an extensive 3 year warranty. For further information on the full range of JVC professional products please contact our sales team.

JVC CAMERAS (COLOUR)


JVC High Resolution Camera With Easy Day/Night Function: Chroma ON/OFF - 550TVL

* Lens Not Included

An easy to use full feature high resolution 1/3 inch CCD Colour/Monochrome Camera from JVC. Incorporating years of tele-optical experience from professional television broadcasting equipment into the CCTV industry, JVC TK-C920BE with its excellent colour reproduction is a cost effective camera for any demanding security requirements.

Features:

- Easy Day/Night Function: Chroma ON/OFF
- Super LoLux™ Sensitivity: 0.35 lx F1.2 in Colour Mode, 0.25 lx F1.2 in B&W Mode
- Signal-to-Noise Ratio: 50dB (AGC OFF)
- Focus Adjustment Function
- Display Mode CRT & LCD
- Integrated revolutionary 10-bit Digital Signal Processor (DSP)
- Automatic Electronic Shutter (AES) Mode ON/OFF
- Automatic Gain Control (AGC) ON/OFF
- Automatic Tracking White Balance (ATW) and Manual Modes
- Backlight Compensation ON/OFF
- Sync Systems INT/Line Lock
- Supports Video/DC Iris Lenses
- C/CS Lens Compatible

Image Sensor	1/3" Interline Transfer CCD
Horizontal Resolution	550 TV Lines
Lens	Not Included
Minimum Illumination	Super LoLux Sensitivity: 0.35 lx F1.2 in Colour Mode, 0.25 lx F1.2 in B & W Mode
Power	24VAC / 12VDC
Dimensions	50(W) X 58(H) X 126(D) mm

Part No.

VSJVC-TKC920BE


JVC 1/3" Colour Camera with Day/Night and IR-Cut Filter Switch - 540TVL

* Lens Not Included

1/3 Inch CCD Colour Video Camera featuring true day/night, 540 TVL resolution and IR-cut filter switching function. Achieves exceptional sensitivity and image quality allowing 24-hour monitoring. (AC 24V/DC 12V)

Features:

- Day and Night function (IR cut filter switching)
- Signal-to-Noise ratio: 50 dB (AGC OFF)
- Revolutionary integrated 10-bit Digital Signal Processor (DSP)
- Built-in camera menu
- Various white balance modes (2 ATW / AWC / Manual)
- Display mode: selectable CRT or LCD
- Automatic gain control (AGC) OFF / LOW / MIDDLE / HIGH
- Backlight compensation (BLC): OFF / ON (4 patterns)
- Sync systems: INT/Line lock
- Focus adjustment function
- Support DC / Video iris lens
- C/CS mount lens compatible
- Built-in AUX terminal
- Automatic power detection (AC 24V / DC 12V)

Image Sensor	1/3" Interline Transfer CCD
Horizontal Resolution	540 TV lines
Lens	Not Included
Minimum Illumination	Super LoLux Sensitivity: 0.4 lx F1.2 in Colour Mode, 0.05 lx F1.2 in B & W Mode
Power	24VAC / 12VDC
Dimensions	65(W) X 55(H) X 126(D) mm

Part No.

VSJVC-TKC925E


JVC 1/3" Colour Video Camera with Automatic Day/Night Operation - 480 TVL

* Lens Not Included

1/3" CCD Colour Video Camera with automatic Day/Night operation. Specifically designed to be a cost-effective solution for 24 hr surveillance, this camera incorporates advanced camera features, including highlight handling and excellent performance in very low light. (AC 24V/DC 12V)

Features:

- Backlight compensation (BLC), highlight inverter
- DSP with Extended dynamic range (ExDR) function
- ATW / AWC white balance and manual paint
- Motion detection with alarm signal output
- Scene file memory by command (4 files)
- Dump command function
- 10x digital zoom available via remote control
- RS-422A and RS-485 interface

Image Sensor	1/3" Interline Transfer CCD
Horizontal Resolution	480 TV Lines
Lens	Not Included
Minimum Illumination	Super LoLux Sensitivity: 0.45 lx F1.2
Power	24VAC / 12VDC
Dimensions	74(W) x 63(H) 149(D) mm

Part No.

VSJVC-TKC1430E


JVC High Performance Dome Camera With 4 x Variable Focal Lens - 540TVL

High-performance Dome Camera with Variable Focal Lens. The camera features 540 TVL, Easy Plug and Play setup, and Day/Night Function.

Features:

- Easy day/night function
- Pendant and wall mount available (with optional brackets)
- Triple axis rotation system for wide lens adjustment: horizontal 350 Deg., vertical 80 Deg., rotation 175 Deg
- Full-Featured Security Camera
- Easy focus adjustment
- Monitor video output (RCA)
- Automatic gain control (AGC) on/off (Max. 26dB)
- Auto tracking white balance (ATW) and manual modes: 2,300K to 10,000K
- Backlight compensation on/off
- Sync systems INT/Line lock
- AC 24V / DC 12V power supply

Image Sensor	1/4" Interline Transfer CCD
Horizontal Resolution	540 TV lines
Lens	4 x Vari-Focal
Minimum Illumination	Super LoLux Sensitivity: 0.9 lx F1.3 in Colour Mode, 0.6 lx F1.3 in B & W Mode (VSJVC-TKC215V4E) Super LoLux Sensitivity: 1.3 lx F1.6 in Colour Mode, 0.8 lx F1.6 in B & W Mode (VSJVC-TKC215V4E)
Power	24VAC / 12VDC
Dimensions	145 (Diam.) x 120(H) mm - VSJVC-TKC215V4E /12E 160 (Diam.) x 125(H) mm - VSJVC-TKC215VP4E



- Also available - Outdoor Vandal Proof IP66 Model
- With 4x Vari-focal Lens - VSJVC-TKC215VP4E
 - With 12x Vari-focal Lens - VSJVC-TKC215VP12E

Part No.

VSJVC-TKC215V4E

VSJVC-TKC215VP4E

VSJVC-TKC215VP12E



JVC PTZ Dome Camera 36x Optical Zoom - 540TVL

PTZ dome camera. 36x optical zoom colour camera with direct drive motor for quick, silent and accurate operation

Features:

- 0.03Deg. Super Accuracy for Preset Positions
- 0.04Deg./sec to 500Deg./sec Pan Speed Flexibility
- High-Resolution of 540 TV Lines
- Day/Night Function with IR Cut Filter
- Effective Backlight Compensation
- Super LoLux sensitivity
- Super Silent Mechanism
- Screw-free Easy Installation

Also available - Wallmount Outdoor Weatherproof IP66 Model



(VSJVC-TKC686WPE)

Image Sensor	1/4" Interline Transfer CCD
Horizontal Resolution	540 TV lines
Lens	36x optical (32x digital)
Minimum Illumination	Super LoLux sensitivity: Colour Mode 0.5 lux, F1.6 B/W mode 0.04 lux, F1.6
Power	24VAC
Dimensions	160(Diam.) x 201(H) mm - (VSJVC-TKC686E) 260(Diam.) x 385(H) x 350(D)mm -(VSJVC-TKC686WPE)

Part No.

VSJVC-TKC686E

VSJVC-TKC686WPE



JVC 1/4" High Resolution Camera with 25x Optical Zoom(3.8~95mm) - 480TVL

1/4" High Resolution Camera with 25x Zoom and Super LoLux sensitivity

Features:

- IR Cut Filter ON/OFF
- Super LoLux sensitivity: Colour Mode 2.0 lux, B&W mode 0.06 lux
- 1/4 In High resolution IT CCD with 440,000 effective pixels
- Extended dynamic range (ExDR)
- 25x optical zoom lens (3.8 to 95mm)
- Motion detection
- Built-in menu with private mask and auto black
- Auto trace / auto pan / auto patrol / area title
- Variable pan/tilt speed
- Return to Home
- 180 degree auto flip/digital flip
- 100 preset positions
- Easy AF and one-touch auto focus
- Easy to install mechanism
- 360 degree endless rotation
- RS-422A / RS-485 interface
- Alarm terminal (Input x 4, Output x 3)
- Optional smoke cover available (part code KA-C76U)

Also available Outdoor Housing Model: WB-1550U

Image Sensor	1/4" High resolution Interline Transfer CCD
Horizontal Resolution	480 TV lines
Lens	25x optical zoom lens (3.8 to 95mm)
Minimum Illumination	Super LoLux sensitivity: Colour Mode 2.0 lux, B/W mode 0.06 lux
Power	24VAC
Dimensions	152(Diam.) x 188(H) mm

Part No.

VSJVC-TKC655EB

JVC IP CAMERAS (COLOUR)



JVC Day & Night Dual Stream IP Box Camera

- 1/4 Inch Progressive Scan CCD
- For sharper, clearer images without any flicker even for moving images
- MPEG-4/Motion JPEG Full-Frame Dual Stream
- Simultaneous distribution of MPEG-4 and Motion JPEG VGA images at full frame rate (30fps for each stream)
- Effective Backlight Compensation
- Easy Wide-D Function provides clear images even in backlit situations
- Privacy Mask for Protecting Intrusive Monitoring
- Free shape and unlimited number of masked areas can protect subjects from invasion of privacy
- PoE for Saving Installation and Cable Costs
- Built-in PoE (Power over Ethernet) allows the camera to be activated through a LAN cable connection.
- Easy Setup and Viewing with Built-in Tools
- Web-based setup tools and a viewer are built into the camera

* Lens Not Included

Image Sensor	Super HAD CCD" 1/4" Progressive scan
Resolution	640 x 480, 320 x 240
Lens	Not Included
Minimum Illumination	Super LoLux sensitivity: Colour Mode 1.0 lux, F1.2 B/W mode 0.08 lux, F1.2
Power	24VAC / 12VDC
Dimensions	65(W) x 63(H) x 126(D)

Part No.

VSJVC-VNV25U



JVC IP Camera with 1.3 Megapixel Progressive Scan CCD and MPEG-4/Motion JPEG Dual Stream

The VSJVC-VNX35U incorporates a 1.3 Megapixel progressive scan CCD to capture high-quality, high-precision images. It can distribute up to Quad VGA (1280x960) resolution Motion JPEG images which are 4 times larger than conventional VGA. This increased visual information means a face or a license plate can be identified even when enlarged by digital zoom.

* Lens Not Included

Main Features:

- 1.3 Mega Pixel High Quality JPEG Stream
- Progressive Scan CCD
- MPEG4/Motion JPEG Dual Stream
- PoE
- Freely Selectable Partial Scan
- Digital PTZ Function
- Privacy Mask for protecting intrusive monitoring
- Bi-Directional Audio Support
- Focus Assist
- Reliable Day/Night Monitoring Functions
- PAL/NTSC Monitor output (Setup only)
- Compact Design for Easy Installation
- Open Architecture API for Easy Customization

Image Sensor	EXview HAD CCD 1/3" Progressive Scan
Resolution	1,280x960 (Motion JPEG only), 640x480, 320x240
Lens	Not Included
Minimum Illumination	0.3Lux (F1.0, 25% video AGC Super)
Power	24VAC 0.5A or PoE 48VDC 115mA
Dimensions	65(W) x 63(H) x 126(D)

Part No.

VSJVC-VNX35U



JVC IP-Network Dome Camera

Discrete surveillance IP-network Dome Camera with 30fps at full resolution (VGA), triple axis rotation lens for various installations and Power over Ethernet (PoE) capabilities. Camera set-up and viewing of images can be achieved using a standard web browser over the internet or via SMTP or FTP.

Features:

- VGA resolution at 30 fps (max) using high quality MotionJPEG compression
- Built-in x3.6 vari-focal lens (f=2.8 to 10mm)
- Various installations possible with Triple axis rotation mechanism
- Multicast (IGMP ver. 2) protocol to allow multiple client connectivity
- Built-in web server for camera set-up and image viewing
- One CAT5 cable for data transmission and power supply thanks to PoE compliance (Power over Ethernet IEEE802.3af)
- Easy Day/Night function (Colour/B & W switching)

Also available - Vandal Proof Version



(VSJVC-VNC215VP4U)

Image Sensor	1/4 inch 380,000 pixels CCD
Resolution	640 x 480 or 320 x 240 2 selections via configuration Web page
Lens	Fujinon F1.3 varifocal 2.8 - 10mm DC iris Focus range: 0.3m to infinity
Minimum Illumination	Super LoLux sensitivity: Colour Mode 0.75 lux, F1.3 B/W mode 0.4 lux, F1.3
Power	24VAC / 12VDC
Dimensions	133(H) x 145(W) x 145(D) mm -(VSJVC-VNC215V4U 125(H) x 160(W) x 160(D) mm -(VSJVC-VNC215VP4U)

Part No.

VSJVC-VNC215V4U

VSJVC-VNC215VP4U



JVC Dual Stream Network Camera With 36x Optical Zoom

Dual Stream Network Camera with 36x Optical Zoom and Accurate Direct Drive Motor Mechanism

Features:

- 0.03Deg. Super Accuracy for Preset Positions
- 0.04Deg./sec to 400Deg./sec Pan Speed Flexibility
- Super Silent Mechanism
- Day/Night Function with IR Cut Filter
- Effective Backlight Compensation
- Progressive Output Capability
- MPEG-4/Motion JPEG Full-Frame Dual Stream
- Super LoLux sensitivity
- Quick and Easy Installation

Also available - Vandal Proof Version



(VSJVC-TKC655WPE)

Image Sensor	1/4" Interline Transfer CCD
Resolution	640 x 480, 320 x 240
Lens	F1.6 (wide) to F4.5 (tele), f=3.4mm to f=122mm Automatic Day/Night IR cut filter Focus: Manual/Easy AF/One push Max. close-range: Approx. 1.8m (tele), 0.6m (wide)
Minimum Illumination	Super LoLux sensitivity: Colour Mode 1.0 lux, F1.2 B/W mode 0.08 lux, F1.2
Power	24VAC
Dimensions	160(Diam.)x 201(H) mm -(VSJVC-VNV686U) 260(Diam.)x 385(H)x 350(D) mm -(VSJVC-VNV686WPU)

Part No.

VSJVC-VNV686U

VSJVC-VNV686WPU

IP Address

What is a private (local) IP address?

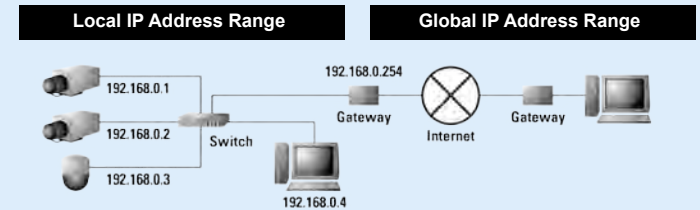
Private IP address is an IP address that can be used freely as a LAN network address without being connected to the Internet.

What is a global IP address?

Global IP address is an IP address that is assigned to a device connected to the Internet. This address is indispensable for carrying out transmissions via the Internet.

"192.168.0.2" is the IP address set in the initial settings for JVC's V.Networks.

EXAMPLE:



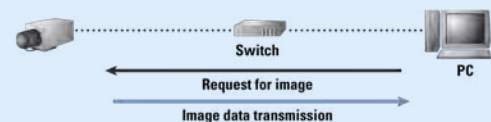
Simultaneous access by multiple users

The frame rate (or bit rate), which refers to the number of images that can be transmitted by V.Networks within a second, is decided according to the specifications of V.Networks. Within the range of specification approximately 10 users can simultaneously access V.Networks. However, when a large number of users simultaneously access V.Networks, there may be a decline in the frame rate or image quality.

Unicast and Multicast

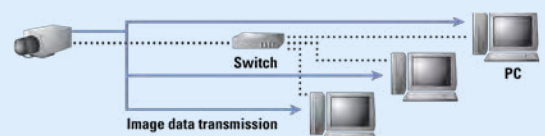
Unicast transmission

Since unicast involves one-to-one transmission between two terminals (e.g. between a camera and a monitoring PC), it is necessary for the bandwidths to be equivalent to the number of terminals when identical information is to be acquired by several terminals.



Multicast transmission

Since multicast is used to transmit a single packet to multiple terminals, the data transmission volume decreases regardless of the number of terminals. Multicast requires a compatible network device. * Remote surveillance via the Internet cannot be carried out with a multicast system. * Multicast systems require an optimum network design.



SAMSUNG

SAMSUNG TECHWIN



Professional Video Security Solutions

SAMSUNG DIGITAL SECURITY SYSTEMS



SAMSUNG
SAMSUNG TECHWIN



DIGITAL CCTV CAMERAS

NOW AVAILABLE FROM RHINOCO TECHNOLOGY

RhinoCo Technology are proud to announce that we can now offer you Samsung Techwin's full range of CCTV Cameras at extremely competitive prices. Samsung Techwin is the premiere range of professional grade CCTV products from Samsung. For full details please visit www.rhino.com.au and click on the Samsung link or call one of our sales offices.

A dedicated and specialised CCTV division of Samsung Corporation, Samsung Techwin is a world leader in economical professional CCTV solutions for all applications. Boasting state-of-the-art technologies from Samsung's optical and electronics divisions, and of its comprehensive business involvement in the global security industry, the Samsung Techwin range of CCTV equipment is constantly contributing to the advancement of surveillance technology.

With the leading optics and digital imaging technology, Samsung Techwin has constantly developed and produced various security and surveillance equipments of highest quality to meet the demands of continuous 24-hour security surveillance. Now, surveillance technology of Samsung Techwin is opening up a whole new world of exciting possibilities, and bringing the future a little closer each day!

SV IV

Breakthrough Technology

The next generation DSP



The SV IV is the latest fourth-generation chips in the Super Vision series which has been independently developed by Samsung Techwin using super-precision image analysis techniques and three dimensional noise reduction technology (SSNR II)

SAMSUNG CAMERAS (COLOUR)



* Lens not included

**SHC-745 1/2" Ultra Low Light, High Resolution Camera**

The VSSAM-SHC745 by Samsung Techwin is an ultra low light high resolution camera with a built in 4th generation DSP image processor chipset and a 1/2 inch high sensitivity Ex-view CCD image sensor. Resolution and image quality at low light for day and night have improved drastically. It is a versatile surveillance camera integrated with enhanced additional functions such as Multi-language OSD, DIS shaking correction, ICR Day and Night, BLC which is configurable by area and motion detection.

Image Sensor	1/2" Ex-View HAD CCD
Horizontal Resolution	Colour:560TVL / B&W:700TVL
Minimum Illumination	0.05Lux@F1.2(Normal Colour mode) / 0.006Lux@F1.2(B&W mode) / 0.0001Lux@F1.2(Sens-up mode)
Power	24VAC/12VDC
Dimensions	68(W) x 61(H) x 102(D)mm

Part No.

VSSAM-SHC745



* Lens not included

**Samsung 1/3" High Resolution WDR Camera - 560TVL Day / 700TVL Night**

The VSSAM-SHC735 is a camera with a built-in fourth-generation DSP image engine SVIV chipset, which provides the best quality images, anytime and anywhere. It comes complete with the worlds best 560TV lines colour resolution, a further improved WDR function for better colour presentation in backlight, and clear picture quality without noise for low light level environments.

Image Sensor	1/3" vertical double density colour CCD
Horizontal Resolution	560 TV Lines(Colour) / 700 TV Lines (B&W)
Lens	Not Included (See Under Camera Lenses)
Minimum Illumination	0.2Lux@F1.2 (Colour) / 0.01Lux@F1.2 (B/W)
Power	Dual Voltage 24V AC / 12V DC
Dimensions	69(W) x 56(H) x 125(D) mm

Part No.

VSSAM-SHC735



* Lens not included

**Samsung 580TVL 1/3" Ultra Low Light, High Resolution Camera**

Embedded with the SV-IV fourth generation DSP chip, the VSSAM-SHC737 provides vivid, life-like pictures at 580TV lines high resolution. With a minimum light level of 0.05Lux, this camera captures crystal clear pictures even in the darkest places and worst conditions. Its unparalleled performance make the VSSAM-SHC737 ideal for use in places kept under strict watch like strategic defense points, airports, harbors, streets, and large industrial sites.

Image Sensor	1/3" Super HAD CCD
Horizontal Resolution	Color: 580TV lines (Min.) / B/W: 700TV lines (Min.)
Lens	Not Included (See Under Camera Lenses)
Minimum Illumination	Color: 0.05Lux (50IRE@ F1.2), 0.0002Lux (Sens-up, 512X), B/W: 0.0025Lux (50IRE@ F1.2)
Power	12VDC
Dimensions	66(W) x 61(H) x 102(D)mm

Part No.

VSSAM-SHC737

**Samsung 1/4" High Resolution 30x Zoom Camera - 520TVL Day / 570TVL Night**

The VSSAM-SDZ300 is equipped with the high performance 30X optical auto focus zoom lens that provides precise and powerful 300X close-up capability with 10X digital zoom. It employs the WIII DSP chip, which offers a Day & Night (ICR) function to achieve low light level performance of 0.1 Lux and higher than 520TV lines of image quality for both day and night conditions. In addition, there are built-in functions including the convenient OSD menu, 4 zone privacy masking and motion detection for more efficient surveillance. Can be controlled by DVRs via RS485.

Image Sensor	1/4" Super HAD colour CCD
Horizontal Resolution	520 TV lines(Colour) / 570 TV lines (B&W)
Lens	Built-in 300X Zoom capability (Optical 30X, Digital 10X)
Minimum Illumination	0.6Lux@F1.6 (Colour) / 0.1Lux@F1.6 (B/W)
Power	24V AC / 12V DC
Dimensions	64(W) x 64(H) x 140(D) mm

Part No.

VSSAM-SDZ300



30M IR Range

**Samsung 1/3" High-Performance IR LED Camera - 570TVL**

A high-performance IR camera, the VSSAM-SIR4150 provides high-resolution video images regardless of day or night, and it can detect and distinguish a moving subject in dark environments, with 0 Lux minimum illumination. Equipped with various features for advanced functions such as high-resolution video images, ICR Day & Night feature, Vari-Focal Lens and outdoor camera housing ensures you have the most reliable 24-hours a day video surveillance that provide clean and vivid image for all major areas including: military bases, ammunition dumps, outskirts of factories and small-sized stores.

Image Sensor	1/3" 410K Pixels, Super HAD colour CCD
Horizontal Resolution	570 TV Lines
Lens	3X(3.8-9.5mm) Auto Iris Vari-Focal
Minimum Illumination	0.3Lux@F1.2 (Colour), 0 Lux@F1.2 (B/W)
Power	12V DC
Dimensions	74(W) x 74(H) x 134.5(D)mm

Part No.

VSSAM-SIR4150



* Lens not included

**Samsung 1/3 High-Resolution High-Sensitivity Camera - 580TVL Day / 630TVL Night**

The SDC-425 is the next generation of Samsung Techwin's popular SDC-415. Based upon the 4th generation of digital signal processing technology, the SDC-425 has the industry's highest resolution specification for a standard definition format camera. In addition to superior resolution the WIV DSP provides for a rich set of advanced features and performance specifications that are normally found only on more expensive system cameras.

Image Sensor	1/3" Super HAD CCD
Horizontal Resolution	Colour 580TVL, B/W 630TVL
Lens	Not Included (See Under Camera Lenses)
Minimum Illumination	0.05Lux@F1.2 (Normal), 0.0002Lux@F1.2 (Sens-up)
Power	24V AC / 12V DC
Dimensions	58(W) x 52(H) x 121(D)mm

Part No.

VSSAM-SDC425



Samsung Techwin 1/3" Ultra High Resolution Day/Night Camera

The VSSAM-SDC435 is a high resolution camera embedded with the latest W-V DSP chipset featuring proprietary video signal processing technology that achieves vivid graphics at up to 600TV lines resolution. The camera features 3D filtering noise reduction technology, effectively reducing noise while providing excellent night monitoring performance with ultra low light levels of 0.0001 Lux. Also supporting SSDR (Samsung Super Dynamic Range), the VSSAM-SDC435 effectively blocks backlights and delivers higher and clearer quality images.

Image Sensor	1/3" Diagonal 6mm Super HAD CCD
Horizontal Resolution	600TVL
Lens	Not Included (See Under Camera Lenses)
Minimum Illumination	0.0001 Lux (Sens-Up x512) @ F1.2
Power	12V DC
Dimensions	58(W) x 52(H) x 121(D)mm

Part No.	VSSAM-SDC435
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VSSAM-SID53 High Resolution Mini Dome Camera

The VSSAM-SID53 is a high resolution mini dome camera which delivers outstanding images to your monitor. It utilises the latest 4th generation WIV DSP, and features 580TV lines of resolution. Enjoy low noise, high quality, colour images thanks to the advances in noise filtering technology. This easy to install, palm size dome will blend well with any environment.

Image Sensor	1/3" Sony Super HAD CCD
Horizontal Resolution	580TVL
Lens	Built-in, Fixed Lens f=3.0mm, F2.0
Minimum Illumination	0.04Lux@F1.2(Sens-up)
Power	12VDC
Dimensions	67(H) x 104(Dia)mm

Part No.	VSSAM-SID53
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High Resolution Day and Night 10X Dome Camera

The Samsung VSSAM-SID500 is an intelligent dome camera with advanced auto focus 10x optical zoom that has various performances required for advanced interior designs such as those in office buildings and shopping malls. This camera employs Samsung Techwin's unique WIII DSP chipset and SSNR noise reduction technology which provides clear and sharp images even with a low light level of 0.005Lux and supports horizontal resolution of 500TV lines in color and enhanced back light compensation. Additional functions are convenient OSD menu setting, privacy zone masking and motion detection. It's elegant and durable design matches well with various indoor environments.

Image Sensor	1/4" Super HAD CCD
Horizontal Resolution	500TVL (Colour) / 570TVL (B&W)
Lens	10X, f=3.8 to 38.0mm (F1.8)
Minimum Illumination	Colour: 0.7 Lux@F1.8, 0.005 Lux (Sens-Up) / B&W: 0.02 Lux@F1.8
Power	24VAC, 12VDC
Dimensions	130 (Dia) x 105(H)mm

Part No.	VSSAM-SID500
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Samsung 1/4" High Resolution Day/Night Vandal-proof Dome Camera with A/F 10x Zoom - 500TVL Day / 570TVL Night

The VSSAM-SVD4300 is a high resolution vandal proof dome camera with a built-in advanced auto focus 10X A/F zoom lens. Its main body and dome made of high strength material withstand strong impacts, and you can easily position the camera in the optimal location due to the camera's 10X auto zoom and 3-Axis rotation dome design. The camera supports various functions such as high resolution of 500TV lines, Day & Night with removable IR cut filter (ICR), high sensitivity of 0.005Lux so users can achieve safe and perfect 24-hour surveillance.

Image Sensor	1/4" Interline Transfer colour CCD
Horizontal Resolution	500TV lines (Colour) / 570TV lines (B&W)
Lens	Built-in 10X (f3.8 ~ 38mm) zoom lens with auto focus
Minimum Illumination	0.7Lux@F1.8 (Colour) / 0.02Lux@F1.8 (B/W) 0.005Lux@F1.8 (Sens-up)
Power	Dual voltage : 24V AC / 12V DC
Dimensions	148(Diam.) x 126(H) mm

Part No.	VSSAM-SVD4300
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VSSAM-SPD1000P 10X Interior speed dome camera

The VSSAM-SPD1000 is an interior speed dome camera that is customised to suit indoor conditions and spaces while providing outstanding functions. It provides a powerful monitoring of up to 100X zoom capability, with impeccable surveillance for various installation locations.

Image Sensor	1/4" Interline Transfer CCD
Horizontal Resolution	Colour:520TVL / B&W: 570TVL
Lens	f=3.8~38mm (10X)
Minimum Illumination	0.7Lux@F1.8(Normal colour mode) / 0.02Lux@F1.8(B&W mode) / 0.005Lux@F1.8(Sens-up)
Power	12V DC
Dimensions	134.8(H) x 140(Dia)mm

Part No.	VSSAM-SPD1000
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Samsung 1/3" High Resolution Day & Night IR LED Dome Camera - 520TVL Day / 570TVL Night

The VSSAM-SIR4250 is a high-performance IR LED dome camera with various features for advanced functions such as high-resolution video images, ICR Day & Night feature, Vari-Focal Lens and SSNR, unique noise reduction technology. This ensures you have the most reliable 24-hours a day video surveillance providing clean and vivid images for all places.

Image Sensor	1/3" Super HAD CCD
Horizontal Resolution	520TV lines (Colour) / 570TV lines (B/W)
Lens	2.5X Auto iris varifocal lens (F1.2, 3.8 ~ 9.5mm)
Minimum Illumination	0.3Lux@F1.2 (Colour), 0 Lux@F1.2 (B/W) 0.002Lux@F1.2 (Sens-up)
Power	12V DC
Dimensions	145.3(Diam.) x 109.5 (H)mm

Part No.	VSSAM-SIR4250
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Samsung 1/3" High Resolution Day/Night 3-Axis Dual Voltage Dome Camera - 530TVL Day / 570TVL Night

The VSSAM-SID452 provides not only quality performance but also outstanding ease of installation, with its 3-Axis camera construction, which makes the camera wall or slope mountable. It features compact size, built-in 3X (f3 ~ 9mm) varifocal lens, 530TV lines, a minimum illumination of 0.002Lux and unique SSNR noise reduction technology. This versatile camera is an excellent choice for indoor applications such as retail, schools, airports, banks and hotels.

Image Sensor	1/3" Super HAD colour CCD
Horizontal Resolution	530TV lines (Colour) / 570 TV Lines (B/W)
Lens	Built-in 3X (f3 ~ 9mm) varifocal lens with auto iris
Minimum Illumination	0.3Lux@F1.2 (Colour) / 0.002Lux@F1.2 (Sens-up)
Power	12V DC (VSSAM-SID450) Dual voltage : 24V AC / 12V DC (VSSAM-SID452)
Dimensions	130(Diam.) x 100(H) mm

Part No.
VSSAM-SID452



VSSAM-SID562 Low Light Wide Dynamic High Resolution Dome Camera (24V AC)

The VSSAM-SID562 is a camera with a built-in fourth-generation DSP image engine SVIV chipset, which provides superb image quality anytime and anywhere. The SID-562 offers the world's best 560 TV line color resolution, a 128X more powerful Wide Dynamic function for improved subject recognition in back-light, and clear picture quality without noise for low light level environments.

Image Sensor	1/3" Vertical Double Density Interline CCD
Horizontal Resolution	Colour:560TVL / B&W:700TVL
Lens	2.5X Auto Iris Vari-Focal. 3.8~9.5mm(F1.2)
Minimum Illumination	0.3Lux@F1.2(Normal colour mode,50IRE) / 0.01Lux@F1.2(B&W,50IRE) / 0.001Lux@F1.2(Sens-up,50IRE)
Power	12VDC/24VAC
Dimensions	105.5(H) x 141.2(Dia)mm

Part No.
VSSAM-SID562



Samsung 1/4" High Performance, WDR 37X PTZ Dome Camera

The Samsung VSSAM-SPD3750T is the newest and most advanced model in Samsung Techwin's line of PTZ dome cameras. The SPD-3750T brings the benefits of SV-IV DSP technology along with an industry-leading 37X optical zoom lens into a dome camera. Wide dynamic range and digital image stabilization are just a few of the advanced features in the 3750T. With the incorporation of advanced SSNR II 3D noise reduction technology, the SPD-3750T achieves excellent low light performance while reducing DVR storage space by as much as 70%.

Main Features:

- Color resolution of 550TV lines, 680TV lines in B/W
- 128X pixel control WDR, Intelligent Auto Tracking
- Excellent low light sensitivity of 0.7Lux, ICR Day & Night function
- Advanced 3D filtering digital noise reduction (SSNR II), Max. 256X Sens-up
- User-friendly multi-language OSD, DIS (Digital Image Stabilization)
- 256 Presets, RS-485/422 remote control
- Up to 37X optical (3.5 ~ 129.5mm) & 12X digital zoom (444X total zoom)

Image Sensor	1/4" Vertical double density interline CCD
Horizontal Resolution	550TV lines (Colour), 680TV lines (B/W)
Lens	37X optical (3.5 ~ 129.5mm) and 12X digital zoom (444X total zoom)
Minimum Illumination	Color : 0.7Lux (50 IRE@F1.6), 0.002Lux (Sens-up, 256X) B/W : 0.06Lux (50 IRE@F1.6)
Power	24V AC
Dimensions	155(Dia) x 241.7mm

Part No.
VSSAM-SPD3750T

Suitable to work with range of Samsung Network Recorder which offers great convenience and flexibility in recording real-time videos via the internet. Available Models:

- **SNR-9A**
- **SNR-16A**
- **SNR-32A**

Record up to 9 units of IP products and Samsung Network Manager
Record up to 16 units of IP products and Samsung Network Manager
Record up to 36 units of IP products and Samsung Network Manager





Samsung High Resolution WDR Vandal-Proof Dome Camera - 560TVL Day / 700TVL Night

The VSSAM-SVD4600 is a tough vandal-proof dome camera that consists of a die-cast dome body and a polycarbonate dome cover. It has Samsung Techwin 4th generation DSP chipset SVIV built in to give ultra low light imaging at 0.3Lux, ICR Day & Night, and 128X WDR features. It is a versatile dome camera for indoor/outdoor applications, that provides enhanced additional features such as Multi-language OSD and DIS image shake correction.



Image Sensor	1/3" Super HAD CCD
Horizontal Resolution	560TV Lines (Colour) / 700TV Lines (B/W)
Lens	Built-in 2.5X Variable Focus
Minimum Illumination	0.3Lux@F1.2 (Normal colour mode) / 0.01Lux@F1.2 (B/W) 0.001Lux@F1.2 (Sens-up mode)
Power	24V AC / 12V DC
Dimensions	148(Diam.) x 126(H) mm

Part No.
VSSAM-SVD4600



Samsung 1/3" High Resolution, Day & Night Vandal-Resistant Dome Camera

The VSSAM-SVD4400 crescent outdoor vandal-resistant dome camera sports a high-powered 3.6X (2.8 ~ 10mm) optical zoom inside its exceptionally durable high-strength body. Its 580TV lines resolution and ultra-low light capability of 0.15Lux provide noise-free, crystal clear color images even in the darkest places. Various user-friendly options include a multiple-language OSD, DIS (Digital Image Stabilisation), as well as high light and backlight compensation.



Image Sensor	1/3" Super HAD CCD
Horizontal Resolution	Colour: 580TVL (Min) / B&W: 700TVL (Min)
Lens	2.8~10mm
Minimum Illumination	Colour: 0.15Lux(50 IRE @ F1.2), 0.0006Lux (Sens-up, 256x) / B&W: 0.001Lux (50 IRE @F1.2), 0.00004Lux (Sens-up, 256x)
Power	12VDC / 24VAC
Dimensions	148(Dia) x 126(H)mm

Part No.
VSSAM-SVD4400



Samsung 1/3" High Resolution Day & Night Dome Camera - 580TVL Day / 700TVL Night

The Samsung Techwin VSSAM-SID462 is redefining what you should expect for features and performance in a fixed mini-dome camera. Using the 4th generation WIV Digital Signal Processing, the SID-462 is able to produce an unparalleled colour resolution of 580TV lines. In addition, this new DSP provides the industry's most comprehensive set of performance enhancing features such as digital image stabilization, 3D noise filtering, and many other features not found in any other camera in any class.



Image Sensor	1/3" Vertical Double Density Interline CCD
Horizontal Resolution	Colour: 580TVL / B&W: 700TVL
Lens	3.6X Manual, 2.8 ~ 10mm, (F1.2)
Minimum Illumination	Colour: 0.15Lux@F1.2(50IRE), 0.0006Lux(Sens-up, 256X) / B&W: 0.01Lux@F1.2(50IRE)
Power	12VDC / 24VAC
Dimensions	105.5(H) x 141.2(Dia)mm

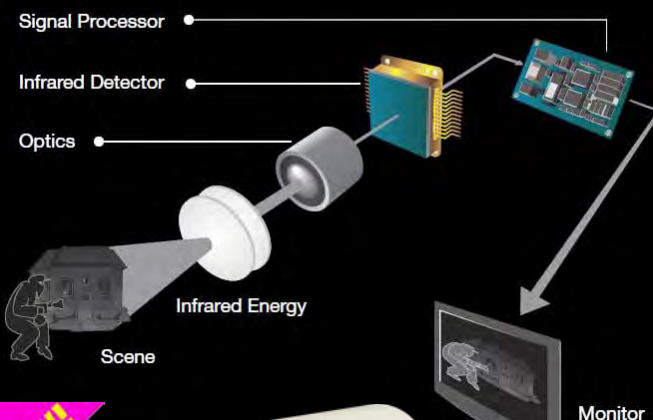
Part No.
VSSAM-SID462

Thermal Night Vision Camera

The Thermal Night Vision Camera is an advanced camera that detects differences in the infrared energy of objects and the background, converts them into electric signals, and produces digital images.



Zero Light Detection Detect Objects in Pitch Darkness!



Samsung High Performance Thermal Night Vision Camera

The VSSAM-STC14 is a cost-effective and stable night vision camera equipped with a microbolometer thermal imaging sensor. Embedded with advanced infrared imaging technology, it is suitable for short and medium-range monitoring purposes and offers astoundingly sharp and finely detailed images with its high performance sensor and wide field of view. It is light, yet rugged, making it an ideal solution for 24/7 powerful monitoring.

The main features of the VSSAM-STC14 are:

- Outstanding 360m Detection Range with No Lighting
- Intricate Imaging with High-Powered Infrared Sensor
- Minimum Discernible Temperature of 0.08°
- IP66 Approved Dust/Waterproof Housing
- Customisable On Screen Display

Image Sensor	Microbolometer
Sensor Effective Pixels	320(H) x 240 (V)
Digital Zoom	Built-in (2-4X)
Frame Rate	30fps
Lens	F1.4, f=14mm
Power	24V AC
Dimensions	104(Dia) x D352 x H123mm

Part No.
VSSAM-STC14

SAMSUNG IP CAMERAS



* Lens not included

**1/3" High Performance WDR Network Camera**

The VSSAM-SNC570 is the newest edition of Samsung Techwin's network ready feature-rich camera. It uses the latest SV-IV DSP chipset and the advanced network codec chipset allowing for high quality images and multiple network capabilities at the same time. It supports MPEG-4 and JPEG dual codec capability and de-interlacing feature, and SD memory card slot for event data recording, and back up. It also ensures users to enjoy real-time video monitoring at any

circumstances with the excellent 2 codec and 6 transcoder streaming solution. The VSSAM-SNC570 offers both Dual voltage plus Power over Ethernet capability making user installation easy.

Image Sensor	1/3" Vertical Double Density Interline CCD
Horizontal Resolution	560TVL Min (Colour), 700TVL Min (B&W)
Minimum Illumination	Colour: 0.3 Lux @F1.2, 0.001Lux - Sens Up 256X. B&W: 0.01 Lux @F1.2
Power	Dual (12VDC/24VAC), PoE (IEEE, 802.3af)
Dimensions	74 x 61 x 152 (WxHxD)mm

Part No.

VSSAM-SNC570

**Samsung High Resolution 10X (3.8~38mm) PTZ Network Camera - 525TVL**

- Built-in 10X Optical & 10X Digital Zoom
- MPEG-4/JPEG selectable compression, VGA 25fps transmission
- Bi-directional Audio, Remote P/T/Z control
- High-resolution of 520TVL(colour), High sensitivity of 0.005Lux
- Day & Night (ICR), 128 Presets, Digital Flip, Multi-protocols
- Web interface, Network Manager S/W

Image Sensor	1/4" interline Transfer CCD
Horizontal Resolution	525 Lines / 60 Fields / 25 Frames
Lens	10X, 3.8 ~ 38mm
Minimum Illumination	0.7Lux@F1.8 (Colour), 0.02Lux@F1.8 (B/W mode) 0.005Lux@F1.8 (Sens-up mode)
Power	12V DC
Dimensions	140(Diam.) x 134.8(H)mm

Part No.

VSSAM-SNP1000

**Samsung Techwin Ergonomic PTZ Controller Keyboard With Backlit, Large Character LCD Display**

System Controller

- Enhanced User Convenience with Rearranged Keypad
- Capable of Controlling of PTZ dome cameras, DVRs and matrix switchers
- Centralized Control of up to 255 Units from a Single Controller
- Configurable to Connect Multiple System controllers up to 16 Units
- Ergonomic Design and Easy-to-Use Keypad
- 3D Joystick Control of PTZ Functions
- Backlit, Large Character LCD Display :20 x 4 lines
- Multi-Protocol Support
- Preset positions : Max. 64 locations
- Control of group sequence, tour sequence, PTZ trace function
- Auto swing, Pan / Tilt swing control

Part No.

VSSAM-SCC3100A

**Samsung Ultra Low Light PTZ Network Camera With A Built-In 30X A/F Zoom Lens**

The VSSAM-SNP3300 is an ultra low light PTZ network camera with a built-in 30X A/F zoom lens. It is equipped with various functions including MPEG-4/JPEG compression, fast 25fps VGA-class image transmission, an ultra low light level surveillance function, and WDR, ensuring a 24 hour optimum network connection anytime anywhere.

Image Sensor	1/4" Colour vertical double density interline CCD
Horizontal Resolution	Colour : 520TV lines (Min.) / B/W : 570TV lines (Min.)
Lens	30X, f3.3 ~ 99.0mm (F1.6 ~ 3.7)
Minimum Illumination	0.4Lux@F1.6 (Colour), 0.08Lux@F1.6 (B/W mode) 0.003Lux@F1.6 (Sens-up mode)
Power	24V AC
Dimensions	155(Diam.) x 243.4(H)mm

Part No.

VSSAM-SNP3300

**Samsung 4CH MPEG-4/JPEG Network Video Server**

The VSSAM-SNS400 is a high efficiency, high-performance 4 channel video network server that converts analogue based systems into an MPEG-4/JPEG compression format IP surveillance system via the network. Surveillance is possible with a network image output at up to 100fps (CIF).

Compression Method	MPEG-4 / JPEG selectable video compression, ADPCM audio compression
Hardware OS	Embedded Linux
Video Channel	4 Input / 1 output through BNC
Maximum Display	Video : Max.
Frame Rate	100fps Global (CIF)
USB Port	USB 2.0 (Storing event images)
Viewer Application	Network management software / Web viewer
Power	12V DC

Part No.

VSSAM-SNS400

**Samsung PTZ Control Keyboard**

The VSSAM-SCC1000 allows the operator to simultaneously control up to 255 PTZ cameras. It offers superior system compatibility with support for multiple protocols. Supported Protocols are: Samsung Techwin (SPD), PELCO-D, PELCO-P, Samsung Electronics (SEC), Panasonic, Vicon, AD and Honeywell. The keyboard features RS-485 and RS-422 compatibility.

Part No.

VSSAM-SCC1000

XR SERIES CAMERAS (COLOUR)

Introducing the...

SECURVIEW™ XR Series

Professional CCTV

with **SUPERQUALITYTECH®**

Professional CCTV cameras from Securview built with Samsung Techwin Technology!

Securview is proud to announce the release of the XR series of high performance professional security cameras using genuine Sony Super HAD interline CCD image sensors and the latest high-performance Samsung Techwin Digital Signal Processing (DSP) technology. By combining Sony's expertise in image sensors and Samsung Techwin's award-winning DSP technology, the XR series embodies unrivalled image qualities of 580TVL in colour, but also a complete feature-list of functions unsurpassed by cameras more than twice their value!

Designed and manufactured only to the highest specifications, the XR series represents exceptional value for money and unbeatable performance. Make the smart choice and try the XR series of cameras today!



1/3" Varifocal Day/Night Mini Vandal-Proof Dome Camera

A part of the Securview XR series, the VSXR-508DV is a mini-dome camera designed for internal and external applications. The camera has a Samsung Techwin W3 chipset, and uses a Sony 1/3" Interline Transfer CCD image sensor with a horizontal resolution of 540TVL to produce high quality images. The camera housing is weatherproof rated IP66 ensuring it can be used indoors and outdoors.

Image Sensor	1/3" Sony Interline Transfer CCD
Horizontal Resolution	540TVL
Lens	2.9~10mm Auto Iris
Minimum Illumination	0.3 Lux @ F1.2, 0.05 Lux with Sens Up (Auto)
Power	12VDC
Dimensions	112 (Dia) x 83 (H)mm

Part No.
VSXR-508DV



1/3" High Resolution Day/Night Vandal-Proof Dome Camera

A part of the Securview XR series, the VSXR-581DV is a high-resolution (580TVL) Day & Night Vandal-Proof Dome Camera. The camera has a Samsung Techwin W4 chipset and a 1/3" Interline Transfer CCD image sensor. The camera's field of view can be easily adjusted using the 2.9~10mm Varifocal Lens, and the IP66 rated high-impact vandal proof dome means the camera can be used in both indoor and outdoor applications.

Image Sensor	1/3" Sony Interline Transfer CCD
Horizontal Resolution	580TVL
Lens	Varifocal 2.9~10mm DC Auto Iris
Minimum Illumination	0.05 Lux (Colour) / 0.0002 Lux (Sens-Up) at F1.2 (AGC High)
Power	12VDC, optional 24VAC
Dimensions	150 x 97mm (WxH)

Part No.
VSXR-581DV



1/3" High Resolution Day/Night Wide Dynamic Vandal-Proof Dome Camera

A part of the Securview XR series, the VSXR-601DV is a high-resolution (560TVL) dome camera. It has a Samsung Techwin SV4 chipset and a Sony 1/3" Interline Transfer CCD imaging sensor. The 2.9~10mm varifocal auto-iris lens allows the camera's field of view to be easily adjusted to suit the current application.

Image Sensor	1/3" Sony Interline Transfer CCD
Horizontal Resolution	560TVL (Colour)/700TVL (B&W)
Lens	2.9~10mm DC Auto Iris
Minimum Illumination	0.3 Lux @ F1.2 (Colour)/0.001 Lux @ F1.2 (Sens Up)
Power	12VDC
Dimensions	150 (W) x 91 (H)mm

Part No.
VSXR-601DV



1/3" High Resolution Day/Night Ultra Wide Dynamic Full Body Camera

The VSXR-600FW is a part of the Securview XR series. It is a high-resolution, wide-dynamic body camera making it ideal for usage in indoor applications or in applications of low or varying light levels. The camera utilises a Samsung Techwin SV4 chipset, producing quality colour images at a resolution (560TVL), higher than other CCTV cameras.

Image Sensor	1/3" Sony Interline Transfer CCD
Horizontal Resolution	560TVL (Colour)/700TVL (B&W)
Lens	N/A
Minimum Illumination	0.3 Lux @ F1.2 (Colour)/0.001 Lux @ F1.2 (Sens Up)
Power	12VDC, 24VAC
Dimensions	61(W) x 55(H) x 104(D)mm

Part No.
VSXR-600FW

|| DOME CAMERAS (COLOUR)



1/4" Entry Level Dome Camera - 420TVL

This entry level colour dome camera is ideal for those who want a ceiling mounted dome camera for general scene surveillance. It provides good picture quality and has a stylish low profile design.

Image Sensor	1/4" Colour CCD
Horizontal Resolution	420 TV Lines
Lens	3.6mm Board
Minimum Illumination	0.5 Lux @ F2.0
Power	12V DC
Dimensions	60(H) x 100(Ø) mm

Part No.
VSTP101AV



1/3" Day/Night Varifocal 30M IR Dome

The VSDVF30MIR is a waterproof IR Dome Camera with a 360° Rotational Vandal Proof mounting bracket. The fully-articulated bracket is able to be rotated 360°, with 180° movement in both horizontal and vertical directions. The vandal proof design of the bracket surrounds the power cable, ensuring that it is protected from environmental damage and vandalism.

30M
IR Range

Image Sensor	1/3" SONY Colour CCD
Horizontal Resolution	540TVL
Lens	4~9mm Manual Varifocal Lens
Minimum Illumination	0 Lux (IR On)
Power	12VDC
Dimensions	280 x 185 x 160mm (HxWxD)

Part No.
VSDVF30MIR



Clear Cover 1/3" Day/Night High Resolution 4~9mm Vari-Focal 25m IR Armoured Dome Camera

The VSSB-DOMEIRC has a High Quality 1/3" Sony Super HAD CCD with 560 TVL resolution providing outstanding picture quality. It also has Infrared LEDs with an IR range of up to 25m providing a crisp clear picture quality both Day and Night. The camera's field of view can be easily adjusted utilising the 4.0mm ~ 9.0mm Vari-Focal Lens. The Vandal Resistant / Weatherproof housing allows it to be used both indoor and out and is rated IP66. Ideal for all installations where picture quality counts!

25M
IR Range

Image Sensor	1/3" Sony Super HAD CCD
Horizontal Resolution	560 TV Lines Colour / 600 TV Lines B/W
Lens	4 -9 mm Vari-Focal
Minimum Illumination	0.2 Lux at F1.2 (IR LED On)
Power	12VDC
Dimensions	120(Ø)mm x 100(H)mm

Part No.
VSSB-DOMEIRC



1/3" Compact Design Tiny Dome Camera - 420TVL

This tiny dome camera is ideal for use in discrete applications and delivers good quality images.

Image Sensor	1/3" Sharp CCD
Horizontal Resolution	420 TVL
Lens	4.3mm Board Lens
Minimum Illumination	0.2 Lux @ F2.0
Power	12V DC
Dimensions	73Ø X 55(H) mm

Part No.
VSTINYDOME



1/3" Day/Night Varifocal 50M IR Dome Camera

The VSDVF50MIR is a vandal proof dome camera designed for both indoor and outdoor applications. It has a high quality 1/3" Sony Colour CCD image sensor with 540TVL resolution providing a high picture quality. The camera has 54 Infrared LEDs with an IR range 50M maximum, providing a crisp clear picture quality in both day and night conditions. The camera's field of view can be easily adjusted utilising the 4mm~9mm Vari-Focal Lens.

50M
IR Range

Image Sensor	1/3" SONY Colour CCD
Horizontal Resolution	540TVL
Lens	6~15mm Manual Varifocal Lens
Minimum Illumination	0 Lux (IR On)
Power	12VDC
Dimensions	150 x 150 x 140mm (WxDxH)

Part No.
VSDVF50MIR



High Resolution 1/3" Colour IR Dome Camera

This is a high resolution (520TVL) IR Dome camera. The 21 IR LEDs have an IR distance of 15M, making the camera day/night operational for 24 Hour surveillance.

Image Sensor	1/3" High Resolution Colour CCD Image Sensor
Horizontal Resolution	520TVL
Lens	F 6.0mm / F2.0
Minimum Illumination	0.3 Lux / F2.0, 0 Lux (IR On)
Power	12VDC
Dimensions	94 (Dia) x 73 (H)mm

Part No.
VSTP143WIR



High Resolution 1/3" Vari-Focal Dome Camera

Featuring a high resolution of 520TVL, and a high sensitivity in a dark environment (0.3 Lux @ F2.0), the VSTP-152W is ideal for a multitude of surveillance applications. The camera includes a 4~9mm vari-focal lens.

Image Sensor	1/3" High Resolution Colour CCD Image Sensor
Horizontal Resolution	520TVL
Lens	4~9mm / F2.0
Minimum Illumination	0.3 Lux / F2.0
Power	12VDC
Dimensions	140 (Dia) x 90 (H)mm

Part No.
VSTP152W

INFRARED EXTERNAL CAMERAS (COLOUR)

NEW**10M
IR Range****1/3" Black Outdoor 3.6mm 10M IR Camera**

The VSTP136IR is an outdoor camera with 10M IR range. It has 14 in-built IR LEDs, giving the camera high visibility and clarity in both day and night applications. The weatherproof outdoor housing is Standards Approved, rated IP67, and is very easy to install.

Image Sensor	1/3" Colour CCD image sensor
Horizontal Resolution	480 TVL
Lens	f3.6mm@F2.0
Minimum Illumination	0.3 Lux@F2.0, 0 Lux (IR on)
Power	12VDC
Dimensions	116.13(L) x 60(W) x 79.58(H)mm

Part No.
 VSTP136IR
NEW**15M
IR Range****1/3" Outdoor Silver Camera 3.6mm 15M IR**

The VSTP138IR is an outdoor camera with 15M IR range and 480TVL. It has 21 in-built IR LEDs, giving the camera high visibility and clarity in both day and night applications. The weatherproof outdoor housing is Standards Approved, rated IP67, and is very easy to install.

Image Sensor	1/3" Colour CCD image sensor
Horizontal Resolution	480TVL
Lens	f3.6mm/F2.0
Minimum Illumination	0.4 Lux@F2.0, 0 Lux (IR on)
Power	12V DC
Dimensions	140.19(L) x 55.2(W) x 79.58(H)mm

Part No.
 VSTP138IR
NEW**50M
IR Range****1/3" Day/Night Varifocal 50M IR Camera**

This Vandal-proof IR camera has a high quality 1/3" Sony Super HAD CCD image sensor and a 540TVL resolution. It has 36 IR LEDs, making it ideal for use in day and night applications, and the IP55 rated vandal/water proof housing allows it to be used for indoor or outdoor purposes. The fully articulated bracket allows for 360° rotation when positioning the camera, making it ideal for a multitude of versatile applications.

Image Sensor	1/3" SONY Super HAD CCD
Horizontal Resolution	540TVL
Lens	9~22mm Manual Varifocal Lens
Minimum Illumination	0 Lux (IR On)
Power	12VDC
Dimensions	160 x 100 x 97 (DxHxW)

Part No.
 VSWVF50MIR9-22
NEW**50M
IR Range****1/3" Day/Night Varifocal 50M IR Camera**

The VSWVF50MIR4-9 is a waterproof IR camera with a 360° rotational vandal proof bracket. The cable management design is built into the bracket, protecting the cable from environmental damage and vandalism. The camera comes with a sun-shield housing and aluminium bracket.

Image Sensor	1/3" SONY Super HAD CCD
Horizontal Resolution	540TVL
Lens	4~9mm Manual Vari-Focal Lens
Minimum Illumination	0.1 Lux
Power	12VDC
Dimensions	160 x 100 x 97mm (DxHxW)

Part No.
 VSWVF50MIR4-9

BULLET CAMERAS (COLOUR)



High Resolution Vari-Focal (4-9mm) Day/Night Bullet Camera - 560TVL Day / 600TVL Night

The compact size of this High Resolution Colour Bullet Camera makes it an ideal choice for home and business security installations. It has a High Quality 1/3" Sony Super HAD CCD with 560 TVL(Colour) / 600 TVL(B/W) resolution, providing a crisp clear picture quality both Day and Night. The camera's field of view can be easily adjusted utilising the 4.0mm ~ 9.0mm Vari-Focal Lens. The durable Aluminium / Weatherproof housing allows it to be used both indoor and out.

Image Sensor	1/3 Sony Super HAD CCD
Horizontal Resolution	560 TV Lines (Colour) / 600 TV Lines (B&W)
Lens	4.0 ~ 9.0mm Vari-Focal
Minimum Illumination	0.2 Lux(Day) / 0.03 Lux(Night) @ F1.2
Power	12V DC
Dimensions	105(L) x 26(Ø) mm

Part No.
VSSB-HDBCAM



1/3" High Resolution Vari-Focal (9-22mm) Day/Night Bullet Camera - 560TVL Day / 600TVL Night

The compact size of this High Resolution Colour Bullet Camera makes it an ideal choice for home and business security installations. It has a High Quality 1/3" Sony Super HAD CCD with 560 TVL(Colour) / 600 TVL(B/W) resolution, providing a crisp clear picture quality both Day and Night. The camera's field of view can be easily adjusted utilising the 9 ~ 22mm Vari-Focal Lens. The durable Aluminium / Weatherproof housing allows it to be used both indoor and out.

Image Sensor	1/3 Sony Super HAD CCD
Horizontal Resolution	560 TV Lines (Colour) / 600 TV Lines (B&W)
Lens	9~22mm Vari-Focal
Minimum Illumination	0.2 Lux(Day) / 0.03 Lux(Night) @ F1.2
Power	12V DC
Dimensions	105(L) x 29(Ø) mm

Part No.
VSSB-HDBCAM9-22

PTZ SPEED DOME CAMERAS (COLOUR)



Internal High-Speed Dome 18 x Optical Zoom

High resolution internal high speed dome camera with a built in 216 x zoom lens, using an moving IR cut filter to switch between monochrome and colour. The Pan tilt and zoom functions can be controlled either remotely using a joystick controller or via a suitable DVR. The camera uses RS485 PELCO-D / P to communicate. There are four alarm inputs that can be linked to preset camera positions. The camera has many advanced features including extremely low lux operation and a fully adjustable white balance function, these and other options are set-up in the on screen display

Image Sensor	1/4" CCD with Sony Original Module
Horizontal Resolution	470 TV Lines
Lens	216 x Zoom Ratio - 18 x Optical / 12 x Digital
Minimum Illumination	Low sensitivity of 0.01 lux (F1.4, ICR on)
Power	24VAC
Dimensions	216.5(L) x 133(Diam.) mm

Part No.
VSPTZ55



External High-Speed Dome 18 x Optical Zoom

High resolution external high speed dome camera with a built in 216 x zoom lens, using an moving IR cut filter to switch between monochrome and colour. The Pan tilt and zoom functions can be controlled either remotely using a joystick controller or via a suitable DVR. The camera uses RS485 PELCO-D/P to communicate. There are four alarm inputs that can be linked to preset camera positions. The camera has many advanced features including extremely low lux operation and a fully adjustable white balance function, these and other options are set-up in the on screen display

Image Sensor	1/4" CCD with Sony Original Module
Horizontal Resolution	470 TV Lines
Lens	216 x Zoom Ratio - 18 x Optical / 12 x Digital
Minimum Illumination	Low sensitivity of 0.01 lux (F1.4, ICR on)
Power	24VAC
Dimensions	200(Ø) x 280(L) mm

Part No.
VSPTZ55W

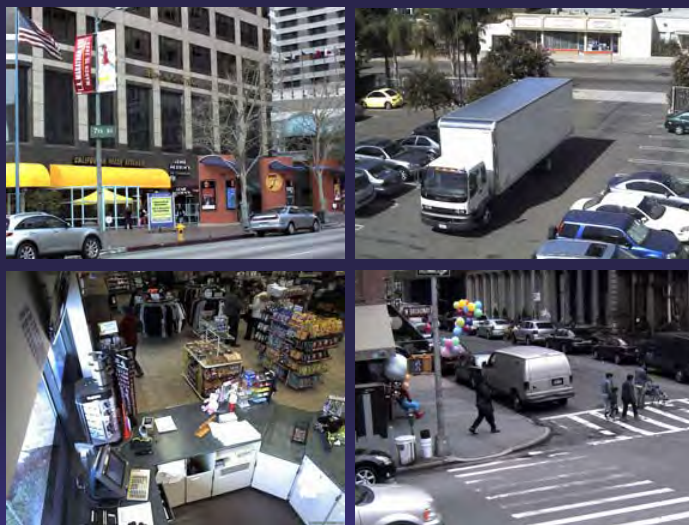
IP BASED CAMERAS



Arecont Vision

Arecont's new line of H.264 high definition cameras provide security professionals with the flexibility of various frame rates and resolutions for a variety of applications. Arecont Vision systems deliver unparalleled clarity at an unbeatable price providing vastly superior alternative to analog CCTV.

3, 5, 8 Megapixel Camera Available



Arecont 8 Megapixel 360° Panoramic IP Camera - MJPEG Compression

The Arecont VSAV-8360 network camera delivers full-motion progressive scan 1600 x 1200 video across four 2MP sensors at 22fps. The VSAV-8360 8-Megapixel network camera delivers full-motion 360 degree panoramic view.

The main features of the VSAV-8360 are:

- Unparalleled High Definition Resolution:
 - Resolution up to 1600 x 1200 (WxH) per sensor
 - Total Resolution: 6400 x 1200 (WxH) - (4 x 2MP)
 - Substitute up-to twenty four analog cameras

H.264 Compression (Model: VSAV-8360)
MJPEG Version (Model: VSAV-8360)



Image Sensor	Four 2 Megapixel CMOS image sensors
Horizontal Resolution	1600(H) x 1200(V) pixel array per sensor
Lens	1/2" Optical Format
Minimum Illumination	0.2 Lux @ F2.0
Dimensions	164.8(H) x 152.4(Dia)mm

Part No.	
VSAV-8360	
VSAV-8365	



Arecont 8 Megapixel 180° Panoramic IP Camera

The Arecont VSAV-8180 network camera delivers full-motion progressive scan 1600 x 1200 video across four 2MP sensors at 22fps. The VSAV-8180 8-Megapixel network camera delivers full-motion 180 degree panoramic view.

The main features of the VSAV-8180 are:

- Unparalleled High Definition Resolution:
 - Resolution up to 1600 x 1200 (WxH) per sensor
 - Total Resolution: 6400 x 1200 (WxH) - (4 x 2MP)
 - Substitute up-to twenty four analog cameras

H.264 Compression (Model: VSAV-8180)
MJPEG Version (Model: VSAV-8185)



Image Sensor	Four 2 Megapixel CMOS image sensors
Horizontal Resolution	1600(H) x 1200(V) pixel array per sensor
Lens	1/2" Optical Format
Minimum Illumination	0.2 Lux @ F2.0
Dimensions	164.8(H) x 152.4(Dia)mm

Part No.	Qty 1+	Qty 6+	Qty 12+
VSAV-8180			
VSAV-8185			



Arecont 5 Megapixel Day/Night Camera

Full-motion progressive scan at 2592 x 1944 at 9fps.
Unparalleled High Definition Resolution: 2592 x 1944

H.264 Compression Standard: Simultaneous support of both H.264 and MJPEG, 10x average bandwidth and storage reduction over MJPEG
Multi-Streaming: Up to 8 concurrent non-identical streams with different frame rates, bit rates, resolutions and picture quality.

Fastest Megapixel Image Rates: Up to 9fps in 5 megapixel mode
Superior Low Light Performance: 1/2" CMOS Sensor

* Lens Not Included

* Lens Not Included



Image Sensor	5 megapixel CMOS image sensor
Horizontal Resolution	2592(H) x 1944(V) pixel array
Lens	1/2" Optical Format
Minimum Illumination	Colour: 0.3 Lux @ F1.4, Day/Night: 0 Lux, IR sensitive
Dimensions	76(W) x 63.5(H) x 57(D)mm (w/o lens)

Part No.	
VSAV-5105DN	



Arecont 3 Megapixel Day/Night IP Camera

Full-motion progressive scan at 2048 x 1536 at 15fps
Unparalleled High Definition Resolution: 2048 x 1536

H.264 Compression Standard: Simultaneous support of both H.264 and MJPEG, 10x average bandwidth and storage reduction over MJPEG
Multi-Streaming: Up to 8 concurrent non-identical streams with different frame rates, bit rates, resolutions and picture quality.

Fastest Megapixel Image Rates: Up to 15fps in 3 megapixel mode
Superior Low Light Performance: 1/2" CMOS Sensor

* Lens Not Included

* Lens Not Included



Image Sensor	3 megapixel CMOS image sensor
Horizontal Resolution	2048(H) x 1536(V) pixel array
Lens	1/2" Optical Format
Minimum Illumination	Colour: 0.2 Lux @ F1.4, Day/Night: 0 Lux, IR sensitive
Dimensions	76(W) x 63.5(H) x 57(D)mm (w/o lens)

Part No.	
VSAV-3105DN	



The Stardot MegaPixel Hybrid IP Camera combines the best of the analog CCTV world (auto iris, day/night IR filter, video out, 24VAC/12VDC power inputs and I/O) with the best of the digital IP camera world (1.3 / 5 megapixel, Power over Ethernet, integrated video motion detection). It has been designed to be a compact and easy to configure package. The incorporation of analog and digital IP functions into one camera means that the camera can be used in a wider range of applications. The wide spectrum of versatility in the operating resolutions means that the camera recording resolution can be set at the highest resolution (2592 x 1944 - 5MP / 1296 x 976 - 1.3MP) or scaled down to any number of smaller resolutions, ie: HD(1080P, 720P), Widescreen, portrait and standard analog (eg 752x582). Even when scaled down, the output images are of a higher quality than analog CCTV footage due to the integrated downsampling and intelligent video processing.



Stardot 1.3 MegaPixel Hybrid IP Camera

- Simultaneous IP Network Video and BNC Coaxial Video Output
- Internal/External Events trigger NVR/Email/FTP
- Power Over Ethernet, 12VDC, 24VAC
- Integrated Video Motion Detection
- Operates to -40° Without Heater
- Automatic Day/Night IR Filter
- DC Auto Iris Support
- Built-in Web Server

*Please Note: Lens not included

Please see demonstration video on our website;

1.3 MegaPixel Camera: <http://www.rhinoco.com.au/product/vssd-netcamsc1/>

Image Sensor	1296 x 976 (1.3MP) Micron 1/2.5" RGB Frame Transfer CMOS
Sensitivity	0.3 LUX Color (with f1.2 iris), 0 LUX in IR mode (w/ IR illuminator)
Exposure	Auto exposure with brightness adjustment and grid exposure selection or manual exposure (1/48,000 second ~ 1.3 seconds)
Imaging Features	Auto/manual color balance (including skew override), contrast enhancement (haze subtraction, gamma correction) and sharpening
Image Compression	Industry Standard JPEG and Motion-JPEG (adjustable quality/compression)
Network Connection	1 x 10/100-baseT Ethernet, PoE (802.3af)
Power Requirements	PoE (48VDC) or 10VDC - 20VDC (500mA@12V) or 24VAC
Dimensions	82 x 57 x 112mm (WxHxD)

Part No.
VSSD-NETCAMSC1

Analogue and IP Camera Comparison



Native Resolution	Commonly Called	FPS	Aspect Ratio
320 X 240	CIF	30	4:3
528 X 384	DCIF	30	4:3
640 X 480	VGA	30	4:3
800 X 600	SVGA	25	4:3
1024 X 768	XGA	16	4:3
1280 X 960	1.3 Megapixel	30	4:3
1600 X 1200	2 Megapixel	25	4:3
2592 X 1944	5 Megapixel	10	4:3
1280 X 720	720P	16	16:9
1920 X 1080	1080P	25	16:9
2560 X 1440	1440P	12.8	16:9

Stardot 5 MegaPixel Hybrid IP Camera

- Simultaneous IP Network Video and BNC Coaxial Video Output
- Outputs up to 5MP, 1080P, 720P and NTSC/PAL
- Internal/External Events trigger NVR/Email/FTP
- Power Over Ethernet, 12VDC, 24VAC
- Integrated Video Motion Detection
- Operates to -40° Without Heater
- Automatic Day/Night IR Filter
- DC Auto Iris Support
- Built-in Web Server

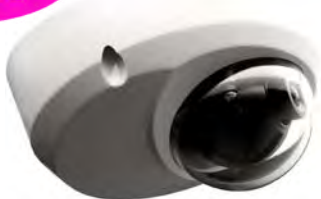
*Please Note: Lens not included

Please see demonstration video on our website;

5 MegaPixel Camera: <http://www.rhinoco.com.au/product/vssd-netcamsc5/>

Image Sensor	2592x1944 (5MP) Micron 1/2.5" RGB Frame Transfer CMOS
Sensitivity	0.3 LUX Color (with f1.2 iris), 0 LUX in IR mode (w/ IR illuminator)
Exposure	Auto exposure with brightness adjustment and grid exposure selection or manual exposure (1/48,000 second ~ 1.3 seconds)
Imaging Features	Auto/manual color balance (including skew override), contrast enhancement (haze subtraction, gamma correction) and sharpening
Image Compression	Industry Standard JPEG and Motion-JPEG (adjustable quality/compression)
Network Connection	1 x 10/100-baseT Ethernet, PoE (802.3af)
Power Requirements	PoE (48VDC) or 10VDC - 20VDC (500mA@12V) or 24VAC
Dimensions	82 x 57 x 112mm (WxHxD)

Part No.
VSSD-NETCAMSC5

NEW

Securview 1.3 Megapixel Compact IP Dome Camera

The VSIPMD1MP is a high performance 1.3 Megapixel IP Dual Stream Dome Camera which can deliver high resolution images to identify individuals and objects of interest. Its CMOS sensor provides up to 1280x960 image resolution which is 3 more times than traditional high resolution analog cameras. The flat design of the camera allows it to be a non-invasive surveillance solution when discrete monitoring is required. The robust casing, rated IP66, protects the high resolution camera inside, and the camera is further protected against tampering thanks to the inclusion of a tamper alarm. The lightweight and compact design can give users easy, quick, and flexible installation on the ceiling and wall. The rugged mechanical design enables the camera to resist water, dust, and vibration, making it ideal for indoor or outdoor applications.

The main features of the VSIPMD1MP are:

- Dual Streaming - MPEG4 and MJPEG
- Power over Ethernet
- Anti-Tamper Alarm
- Privacy Masking
- 12x Digital Zoom
- Free bundled CMS software
- NUUO Compatible

Image Sensor	Sony 1.3 Megapixel Progressive Scan CMOS Sensor
Horizontal Resolution	1280 (H) x 960 (V), Resolution > 700TVL
Supported Resolutions	MPEG-4: VGA, QVGA, CIF, QCIF MJPEG: 1280 x 960 (4 VGA), VGA
Frame Rate	MPEG-4: 30fps@VGA, MJPEG: 15fps@ 1280 x 960
Video Compression	MPEG-4 / MJPEG
Dimensions	47.6 (H) x 110.21 (Dia)mm

Part No.
VSIPMD1MP

NEW

Securview 2.0 Megapixel IP Full Body Camera

New from Securview comes this High Resolution 2.0 Megapixel IP Full Body Camera. The main features of the camera include:

- Embedded Linux OS
- TI Davinci Hardware Compression.
- MPEG-4 Video Compression.
- 1 Channel Audio Compression.
- High Resolution Video Preview: 1600 x 1200 pixels.
- Supports HD720/4CIF/DCIF/2CIF/CIF/QCIF Real Time Compression.
- Supports Dual Stream Compression.
- Supported protocols: TCP/IP, UDP/IP, HTTP, FTP, SMTP, DHCP, DNS, DDNS, NTP
- Support E-PTZ Function.
- Supports Sensor Alarm Input and Relay Output.

Image Sensor	2.0 Megapixel 1/3" CMOS Sensor
Horizontal Resolution	1600 (H) x 1200 (V)
Min. Illumination	0.5 Lux @ F1.2
Supported Resolutions	1600x1200,1280x720,800x600,704x576,640x480,528x384,704x288,352x288,176x144
Frame Rate	25fps(704x576), 25fps(1280x720),12.5fps(1600x1200)
Video Compression	MPEG-4 (Supports Dual Stream)
Dimensions	69 x 63mm x 157.5mm

Part No.
VSIP2MPFB

NEW

Securview 2.0 Megapixel IP Impact Resistant Dome Camera

This Securview IP dome camera is a high-resolution solution to indoor or outdoor surveillance needs. It can produce images up to 2 Megapixels using the 1/3" CMOS sensor! The camera boasts many other features, including:

- Embedded Linux OS.
- TI Davinci Hardware Compression.
- 1 Channel Audio Compression.
- High Resolution Video Preview: 1600 x 1200 Pixels.
- Support for HD720/4CIF/DCIF/2CIF/CIF/QCIF Real Time Compression.
- Dual Compression Stream.
- Motion Detection, and Notification on PC Client.
- Supported Protocols: TCP/IP, UDP/IP, HTTP, FTP, SMTP, DHCP, DNS, DDNS, NTP
- Internet Browser support for Network Preview.
- Watermark function
- Sensor Alarm Input and Relay Output Function.
- Network Voice Talk Function support.

Image Sensor	2.0 Megapixel 1/3" CMOS Sensor
Horizontal Resolution	1600 (H) x 1200 (V)
Min. Illumination	0.5 Lux @ F1.2
Supported Resolutions	1600 x 1200,1280 x 720,800 x 600,704 x 576,640x 480,528 x384,704 x 288,352 x 288,176 x144
Frame Rate	25fps(704x576), 25fps(1280x720), 12.5fps(1600x1200)
Video Compression	MPEG-4 (Dual Stream Supported)
Dimensions	157.5 (Dia) x 130.4mm

Part No.
VSIP2MPVD

NEW

Securview 2.0 Megapixel IP Dome Camera

Using a 1/3" CMOS sensor to produce high-resolution (2 Megapixel) images, this IP dome camera from Securview is the ideal solution to many indoor surveillance applications. The camera has a multitude of features, including:

- Embedded Linux OS.
- TI Davinci Hardware Compression.
- 1 Channel Audio Compression.
- High Resolution Video Preview: 1600 x 1200 Pixels.
- Support for HD720/4CIF/DCIF/2CIF/CIF/QCIF Real Time Compression.
- Dual Compression Stream.
- Motion Detection, and Notification on PC Client.
- Supported Protocols: TCP/IP, UDP/IP, HTTP, FTP, SMTP, DHCP, DNS, DDNS, NTP
- Internet Browser support for Network Preview.
- Watermark function
- Sensor Alarm Input and Relay Output Function.
- Network Voice Talk Function support.

Image Sensor	2.0 Megapixel 1/3" CMOS Sensor
Horizontal Resolution	1600 (H) x 1200 (V)
Min. Illumination	0.5 Lux @ F1.2
Supported Resolutions	1600 x 1200,1280 x 720,800 x 600,704 x 576,640x 480,528 x384,704 x 288,352 x 288,176 x144
Frame Rate	25fps(704x576), 25fps(1280x720), 12.5fps(1600x1200)
Video Compression	MPEG-4 (Dual Stream Supported)
Dimensions	145 (Dia) x 159.8mm

Part No.
VSIP2MPD

PTZ SPEED DOME CAMERAS (COLOUR)



Full Featured Speed Dome Controller

Speed Dome Controller with Keyboard and Joystick, Controls up to 32 Speed Dome Cameras, RS485 Multi Protocol, with LCD Display.

- 0~255 address range for camera & decoder
- Up to 128 preset positions and 6 cruising tracks
- Manual or automatic camera controller
- Manual control of focus, zoom & lens iris

Part No.
VSPTZKB



RS-232 to RS-422/485 Converter

RS-232 to RS-422/485 bi-directional converter. It allows one RS-232 port to be converted to and from RS-422 or RS-485 port, which can thus control up to 32 devices within 1200m in a multidrop environment.

Part No.
RS232TORS485



RS-422/485 Repeater

Boost RS-422 and RS-485 signals up to 1200m. Increase the maximum number of connected nodes to 128. Automatically detects data flow direction and switches data lines accordingly.

Part No.
RS232TORS485REP

CCTV SURVEILLANCE SIGNS



Warning Sign - A4 Size Blue Print on Corflute

These weatherproof / UV resistant warning signs help to increase the overall effectiveness of surveillance systems acting as a deterrent to would be criminals.

- Dimensions: 212(W) x 299(H) x 4(D)mm

Part No.
VSA24



CCTV Warning Sign Corflute A3 Size

A3 sized (420 x 297mm) CCTV Warning Sign, designed for display in a prominent position to act as a deterrent to would-be criminals. The sign is weatherproof and UV resistant.

Part No.
VSCDCC



CCTV Warning Stickers (4 pack) A4 Size

Pack includes 4 A4 sized CCTV Warning Stickers.
2 x Rear Adhesive Stickers for use on flat surfaces
2 x Front Adhesive Stickers for use on interior windows

Part No.
VSCDSC

CAMERA TEST EQUIPMENT



Portable 3.5 Inch LCD CCTV Camera Test Monitor - Wearable Pouch Allows Hands Free Operation

The VSCAMTESTER is a Portable 3.5 Inch LCD Test Monitor used to test, adjust and focus surveillance cameras whilst mounted in position. It comes with a handy lightweight carrying case that can be worn around your arm to provide total hands free maneuverability. It can be powered by either battery or 12VDC.

- Hi-resolution digital TFT-LCD module
- Wearable pouch for hands-free operation
- Dual power sources battery or DC input
- CE/FCC approved. ROHS Compliant
- No more hand phone call charges, weak walkie-talkie signal or need for a second person to assist positioning and trouble shooting camera

Part No.
VSCAMTESTER

CAMERA LENSES



2.8mm - 12mm DC Vari - Focal Auto - Iris Lenses

For indoor or outdoor use where light levels vary constantly and optimum performance is required under all light conditions. Includes the ability to adjust the field of view (wide to telescopic angles).

Part No.
VSLA2.8-12DC



6mm - 60mm DC Vari - Focal Auto - Iris Lenses

For indoor or outdoor use where light levels vary constantly and optimum performance is required under all light conditions. Includes the ability to adjust the field of view.

Part No.
VSLA6-60DC



2.8mm - 12mm Vari - Focal Manual - Iris Lenses

For indoor use. Ability to finely adjust lens aperture and focus for superior picture quality. Includes the ability to adjust the field of view.

Part No.
VSLM2.8-12

CAMERA HOUSINGS & BRACKETS



Armoured Dome Housing without Camera

This high quality armoured dome camera housing provides a weatherproof, tamper-resistant solution for both indoor and outdoor security applications.

- Corrosion resistant aluminium base
- Impact resistant polycarbonate cover
- Tamper-resistant screws
- Dimensions: 85(H) X 145(Dia)mm

Part No.
VSARMOURDOME



Weatherproof Camera Housing with Bracket - Suitable For Cameras No Larger Than: 76(W) x 62(H) x 220(L)mm

Constructed from light weight solid weatherproof aluminium, this housing is ideal for outdoor use.

- Suitable for cameras no larger than: 76(W) x 62(H) x 220(L) mm
- Dimensions of housing: 110(W) x 100 (H) x 340 (L) mm

Part No.
VSCA13



Weatherproof Camera Housing with Bracket - Suitable For Cameras No Larger Than: 76(W) x 72(H) x 260(L)mm

This housing has been IP66 certified and is constructed from light weight solid weatherproof aluminium making this housing ideal for outdoor use.

- Suitable for cameras no larger than: 76(W) x 72(H) x 260(L) mm
- Dimensions of housing: 113(W) x 106(H) x 410(L) mm

Part No.
VSGL606



Classical Camera Housing - Suitable For Cameras No Larger Than: 90(W) x 70(H) x 230(L)mm

This housing is constructed from extruded aluminum and is powder coated and stove finished. The design and manufacture is to the highest technical standard with environmental protection to level IP 66. The housing is supplied with an adjustable cable managed mounting bracket.

- Suitable for cameras no larger than: 90 (W) x 70 (H) x 230 (L) mm
- Dimensions of housing: 110(W) x 100 (H) x 340 (L) mm

Part No.
VSTPH-1000



Swivel & Tilt Short Metal Camera Bracket - 100(L)mm

- Swivel & tilt metal camera bracket
- Dimension of bracket: 100(L)mm

Part No.
VSCA11



Pole Bracket

- Allows camera mounting on poles with adjustable fixing bands

Part No.
VS15-CD04BV



Swivel & Tilt Plastic Camera Bracket - 150(L)mm

- Swivel & tilt plastic camera bracket, off-white colour
- Dimensions of bracket: 150(L) mm

Part No.
VSCA9



Tinted Dome Covers 8" - 12" - 14"

Available in 8"/12"/14"(Dia.)

Part No.
VSTD8
VSTD12
VSTD14



Outdoor Housing & Pendant Set

This heavy duty dome housing is constructed from 1.6mm powder coated aluminum. A versatile camera mounting bracket allows the correct positioning of the camera lens. 180mm is the recommended maximum length of the camera and lens combination.

- Dimensions of housing: 275(W) x 330(H) mm (including wall bracket)

Part No.
VSPTZHOUSINGEX



Outside Corner Bracket - For use with VSPTZHOUSINGEX only

- Waterproof bracket suitable for mounting your camera externally in corners.
- For use with VSPTZHOUSINGEX only

Part No.
VS15-05BM



3 Feet Straight Bracket - For use with VSPTZHOUSINGEX only

- Supplied in three screw together sections with bottom mounting flange.
- For use with VSPTZHOUSINGEX only

Part No.
VS15-CD03BV3



6 Feet Straight Bracket - For use with VSPTZHOUSINGEX only

- Suitable for mounting cameras in high locations where maximum field of view is essential
- For use with VSPTZHOUSINGEX only

Part No.
VS15-CD03BV6

CAMERA ACCESSORIES



RF Modulator for Surveillance Cameras

This unit allows the connection of a CCTV camera with or without sound to a TV that has a TV aerial socket / RF socket. It has 2 RCA plugs. 1 x video, 1 x audio and a DC socket for a 12VDC power supply (100mA).

Part No.
VSARFMOD

4 Way Video Distribution Amplifier - Split 1 Video Signal Into 4



- For splitting 1 video signal into 4 without Signal Loss
- 1 x Composite Video Input
- 4 x Composite Video Outputs
- Power: 240 VAC

Part No.
VSCA17

Composite (BNC / RCA) to VGA Converter



- Converts Composite to VGA
- Output Resolution up to 1024 x 768 @ 60Hz
- Allows Use of Cost Effective PC / VGA Monitors with DVRs
- Includes 5VDC Power Supply

Part No.
VID2VGA

Remote Microphone with PreAmp



High sensitivity microphone. Can be connected directly to audio input or TV/VCR/DVR.

- 12VDC

Part No.
VSAMIC

CASH REGISTER INTERFACE SOFTWARE



CCTV Cash Register Interface

The VSI-Pro is an excellent tool for controlling inventory shrinkage and loss prevention. When interfaced between a cash register and DVR, the VSCASHOSD overlays the register transaction data onto the video picture to get the complete picture of every transaction. The 24 programmable exceptions provide on-screen alerts, making the finding of suspicious transactions fast and simple.

Main Features:

- Programmable alarm outputs.
- Alarm input for drawer open, safe open, etc.
- Programmable delayed screen blanking
- Choice of 1 to 11 lines displayed on-screen
- On-screen titler up to 40 characters
- Gray scale and border selection from front panel
- Built-in test mode
- Built-in cash register demo
- Upload/download programming to a PC or another VSI-Pro
- Data captured either to the memory or to the serial port
- Local Firmware Downloadable
- Local / Remote Programming via PC Software
- Supports Hydra/Regcom/Networker/Vnetworker networking communications products



Part No.
VSCASHOSD

Customisable DVR Package Solutions To Match *Your* Requirements

Here at RhinoCo Technology we strive to provide our clients with the products and services that meet the clients needs. If you require a customised digital monitoring package, contact us now.



MAIN FEATURES:

- Store up to 80TB (82,000 GB) worth of recorded video footage over 16 machines.
- RAID support available for drive mirroring and extended recording capabilities.
- Record up to 3200 frames per second globally.
- REAL-TIME recording and playback available.
- SMS notifications can be sent to your mobile phone whenever an important event occurs (such as power loss, data corruption, network transmission failure etc.)
- Email Alerts - Your system can send emails on a range of events (eg. Motion Detection, Video Loss, Hard Drive Failure).
- Secure and lockable systems

ALSO AVAILABLE:
[RACKMOUNT POWER SUPPLIES](#)
[RACKMOUNT BALUNS](#)



UPS - UN-INTERRUPTED POWER SUPPLY

Provide power protection for your video surveillance systems in the case of a power failure. These units will power your video surveillance systems for an extended period of time and will activate an audible alarm alerting you that power has been lost, allowing you to safely shutdown your systems without any data loss.



DIGITAL VIDEO RECORDERS

Mount up to 16 Digital Video Recorders for complete CCTV solution.



KVM - CENTRAL KEYBOARD, VIDEO & MOUSE

View and control multiple DVR & PC systems through the 1 keyboard, monitor and mouse. Change between machines with a simple push of a button or keyboard.



SMS SYSTEM NOTIFICATION MESSAGES

By utilising the Securview TSMS, your system can be setup to send an SMS message to up to 5 mobile phones whenever an important event occurs (eg. Power loss, failure).



RS232/485 CONVERTER - PTZ, ZOOM & CUSTOM FUNCTION

Converts RS232 signals to RS485 to allow control of 256 PTZ cameras from the client software. RS485 repeaters and customisable protocols are available.



MULTI-HOST SETUP & OTHER NETWORKING OPTIONS...

Remotely view up to 256 cameras from anywhere around the world. Setup remote connections to your sub-branches to be viewable from your headquarters.



VIDEO OUTPUT OPTIONS FOR SPOT MONITORS...

Setup monitors remotely to display recorded & live recording footage.



OPTIONAL PACKAGE PRE CONFIGURATION

Have your customised package setup prior to delivery to your premises for a simple 'plug and play' installation - no configuring required.



ETHERNET SWITCHES

Rack mount ethernet switches can connect up to 16 DVRs.

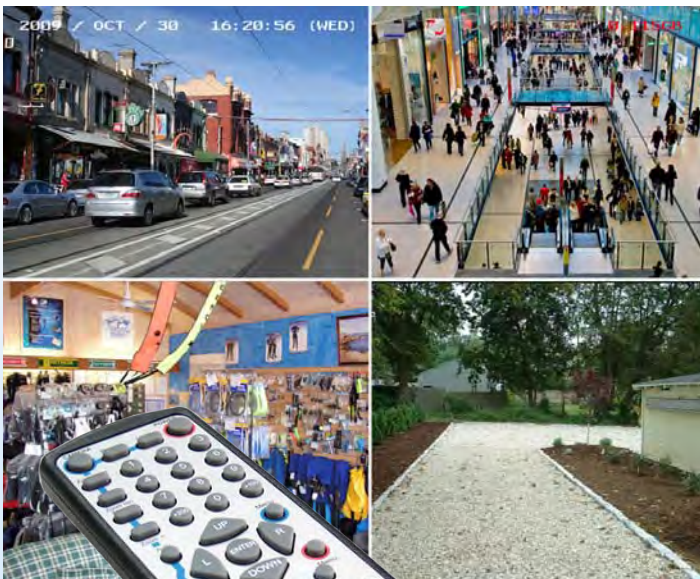
STAND ALONE DIGITAL VIDEO RECORDER



Watchguard 4 Channel H.264 Network DVR

The Watchguard DVR4CHSOV5H264 is one of our 4 Channel Network DVRs which utilise H.264 image compression, allowing for higher resolution images to be recorded whilst minimising the image file size, maximising the amount of footage which can be stored on the hard drive. The DVR has an external USB port allowing for USB flash drive backup, as well as supporting network backup functions. The DVR has been designed for easy "plug and play" setup, with a front panel control system. The system also comes with an IR remote control for wireless DVR operation.

- **H.264 Video Compression**
- **Real Time Live Display**
- **500GB Hard Drive**
- **Recording Rates: 704x576 (25fps), 704x288 (50fps), 352x288 (100fps)**
- **USB & Network Backup**



Video Compression Format	H.264
Recording Resolutions	704 x 576, 704x288, 352x288
Max. Recording Frame Rate	100FPS Global
Max. Display Frame Rate	100FPS 'Real - Time Display'
Backup Methods	Network Remote & USB Backup.
Hard Drive Bays	1 x SATA HDD (1TB Capacity)
Network Functionality	Live Monitoring, Remote Playback, File Backup, Remote Configuration



Part No.
DVR4CHSOV5H264

New Generation High Resolution DVR

New Generation 4, 8 and 16 Channel High Resolution H.264 Enhanced Compression DVRs

We have developed our range of H.264 DVRs in response to demand from installers who wanted a silent, compact DVR that above all else produced crystal clear images in live view and playback, with a simple VGA flat screen. After two years in development we have finally produced the answer to all your needs. To date, if your customer wanted a flat CCTV monitor you either bought an expensive CCTV flat screen, used a VGA screen perhaps with a VGA converter or bought a LCD TV and used the AV Input. The results are never as good as they should be and most customers needed some convincing that was the best you could get... until now.

Our new 4, 8 and 16 channel H264 DVRs solve this problem as the recorders offer a high definition VGA output producing crystal clear images at a resolution of 1280 x 1024, which means your images will still look good even on large screens.

Not only does this new DVR produce the best possible HD output and offer high resolution H.264 recording, it is also easy to use. In fact the GUI we have created takes only minutes to learn and can be navigated either by mouse or the include remote control. Evidence can be extracted from the hard drive to a USB stick and will play back on any PC without the need for special software, as it is compatible with Adobe Quicktime which is installed on many PCs.

The 4, 8, and 16 channel H264 DVRs also offer full networking and remote connectivity. They comes in a small, no-nonsense chassis that runs silently. The DVR has no buttons on the body as everything is controlled via the included mouse or remote. It even comes complete with an IR extender lead in case you want to hide the unit away or tuck it behind the screen. Our 4, 8 and 16 channel H264 DVRs are so impressive for the price we know that once you have used them, you will never return to a standard entry-level MPEG 4 DVR when you can have a HD VGA DVR for only a small increase in cost.

We know nothing comes close in this price range, we have tested all our competitors DVR systems and this is a clear winner.

- **H.264 enhanced video compression**
- **High resolution (1280 x 1024) display**
- **USB & Network backup**
- **IR remote control and USB mouse**
- **Supports SATA HDD**



	4 Channel	8 Channel	16 Channel
Video Compression Format	H.264	H.264	H.264
Resolution	1280 x 1024 (Display) / 640 x 512 (Record) - 1280 x 1024 at Quad Mode	1280 x 1024 (Display) / 640 x 512 (Record) - 1280 x 1024 at Quad Mode	1280 x 1024 (Display) / 640 x 512 (Record) - 1280 x 1024 at Quad Mode
Max. Recording Frame Rate	100FPS Global	100FPS Global	100FPS Global
Max. Display Frame Rate	50/ 200 FPS Global	50/ 200/ 225 FPS Global	50/ 200/ 113 FPS Global
Backup Methods	Network & USB Backup	Network & USB Backup	Network & USB Backup
Hard Drive Bays	1 x SATA HDD (500GB Capacity)	1 x SATA HDD (500GB Capacity)	1 x SATA HDD (500GB Capacity)
System Operation	IR Remote and USB Mouse	IR Remote and USB Mouse	IR Remote and USB Mouse
Dimensions	290(W) x 180(H) x 42(D)mm	290(W) x 180(H) x 42(D)mm	290(W) x 180(H) x 42(D)mm

Part No.

DVR4CHSOUH264

DVR8CHSOUH264

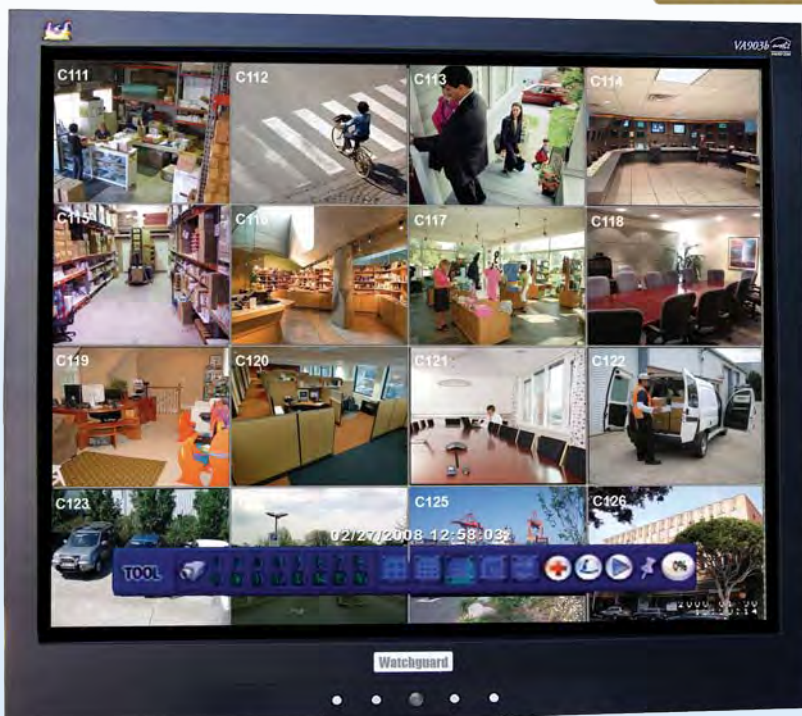
DVR16CHSOUH264



4, 8, 16 Channel Linux Embedded Stand Alone Digital Video Recorder

Featuring MPEG4 Video Compression Technology, built in CD/DVD burner/USB backup and network/remote Internet access, these DVRs have everything for the conscientious home or business owner wanting to set up a quality stand alone digital surveillance system. They can record up to 25 image frames per second per camera and utilising video compression technology enable high quality image recording with reduced file sizes, maximising the amount of footage that can be recorded on the hard drive. The Triplex operation adds to the systems functionality allowing live monitoring, remote playback and file backup at the same time. The unit is easy to operate, and the simple on screen display menu allows the user to search recorded footage and alter settings as required. If networked to a Windows PC, footage can be viewed and backed up via the network, using the included software and if the network has a high speed internet connection, footage can also be viewed remotely over the internet.

- **4, 8 & 16 Channel Available**
- **MPEG4 Based Compression**
- **Real Time Live Display**
- **Recording Rates Up to:**
200fps @ 352x288/50fps @ 704x576
- **USB, CD-RW/DVD and Network Back Up**
- **User Friendly On Screen Display Menu**
- **Infrared Remote Control**
- **Embedded Linux Operating System**
- **USB Mouse Compatible**



* Monitor Not Included



CCTV SURVEILLANCE PRODUCTS



Part No.
DVRWGUARD4V3

4 Channel MPEG4 Linux, Stand Alone DVR With CD/DVD/ USB Backup, IR Remote & USB Mouse

Video Compression Format	MPEG4
Recording Resolutions	352x288, 704x576
Max. Recording Frame Rate	100 FPS Global
Max. Display Frame Rate	100 FPS (Real-Time Display)
Backup Methods	CD / DVD / USB
Hard Drive Bays	2xHDD + DVD Burner
Network Functionality	Live Monitoring, Remote Playback, File Backup, Remote Configuration

* Hard drive not included



Part No.
DVRWGUARD8V2

8 Channel MPEG4 Linux, Stand Alone DVR With CD/DVD/ USB Backup, IR Remote & USB Mouse

Video Compression Format	MPEG4
Recording Resolutions	352x288, 704x576
Max. Recording Frame Rate	200FPS Global
Max. Display Frame Rate	200 FPS (Real-Time Display)
Backup Methods	CD / DVD / USB
Hard Drive Bays	2xHDD + DVD Burner
Network Functionality	Live Monitoring, Remote Playback, File Backup, Remote Configuration

* Hard drive not included



Part No.
DVRWGUARD16V2

16 Channel MPEG4 Linux, Stand Alone DVR With CD/DVD/ USB Backup, IR Remote & USB Mouse

Video Compression Format	MPEG4
Recording Resolutions	352x288, 704x576
Max. Recording Frame Rate	200FPS Global
Max. Display Frame Rate	400 FPS (Real-Time Display)
Backup Methods	CD / DVD / USB
Hard Drive Bays	2xHDD + DVD Burner
Network Functionality	Live Monitoring, Remote Playback, File Backup, Remote Configuration

* Hard drive not included



SAMSUNG DIGITAL VIDEO RECORDER



The SVR-450 is the best DVR solution for implementation of small and medium scale security systems. The DVR allows you to upgrade your CCTV system from analogue to digital at an affordable price by integrating various DVR features.

These features include:

- MPEG-4 high quality compression
- Built-in support for up to 250GB as a standard HDD
- Real-time video recording for each channel at 25 FPS

Samsung Techwin SVR-450 4CH Digital Video Recorder

Video Compression Format	MPEG-4
Recording Resolutions	704x576 / 704x288 / 352x288
Max. Recording Frame Rate	100fps
Max. Display Frame Rate	100fps
Backup Methods	CD/DVD, 1 USB memory
Hard Drive Bays	1
Network Functionality	Interface 1RJ-45 (10/100 Base-T) Protocol TCP/IP, DHCP, Network manager

- Simple graphic interface menu
- Real-time monitoring of a remote site via a network
- Built-in CD-RW drive

Part No.

VSSAM-SVR450



The VSSAM-SVR960 offers 9 channels of high resolution real-time video recording capability and the DVR includes the standard version of the powerful Samsung Techwin Network Management Software. The CMS is a map based GUI that allows the user to monitor and control multiple DVRs from one viewing and control location. The system has a number of intuitive features such as smart thumbnail, bookmark and calendar search modes, an in-built DVD writer for faster backup of larger data and is easily controlled via the intuitive GUI and mouse interface.

The main features of the VSSAM-SVR960 are:

- True real-time 225fps digital image display and recording
- MPEG-4 Compression
- High resolution images - 704 x 576, 704 x 288, 352 x 288
- Two front panel USB ports for easy back up & mouse control
- DVD writer is included as standard feature
- ATM/POS transaction data recording and search
- Powerful CMS support as standard (SNM-128S/P)

Samsung Techwin 9 Channel Digital Video Recorder

Video Compression Format	MPEG-4
Recording Resolutions	704 x 576 / 704 x 288 / 352 x 288
Max. Recording Frame Rate	100fps
Max. Display Frame Rate	225fps
Backup Methods	DVD+RW, USB (2 Front)
Hard Drive Bays	2
Network Functionality	TCP/IP, DHCP, DNS, DDNS, HTTP, ARP, IMCP, NTP

- Convenient control with a remote controller and a mouse
- Multi-Language OSD
- Thumbnail search / Calendar search / Book mark function
- Capability for simultaneous use of 3 multi-screen monitors for greater access and control
- Built-in web server
- RS-232C, RS-485/422
- Pan / Tilt / Zoom support (Multi-protocol)
- 9 Channels audio recording

Part No.

VSSAM-SVR960



The VSSAM-SVR1660N is a cost effective 16 Channel Digital Video Recorder from Samsung Techwin, developed to provide real-time video recording of up to 16 cameras at CIF (352 x 240) resolution. The VSSAM-SVR-1660N is supplied with Samsung's standard version of the powerful Samsung Techwin Network Management Software. The CMS is a map based GUI that allows the user to monitor and control multiple DVRs from one viewing and control location. The DVR is supplied with a 250GB hard drive pre-installed.

The main features of the VSSAM-SVR1660N are:

- True real-time 400fps digital image display and recording
- MPEG-4 Compression
- High resolution images - 704 x 576, 704 x 288, 352 x 288
- Two front panel USB ports for easy back up & mouse control
- DVD writer is included as standard feature
- ATM/POS transaction data recording and search
- Powerful CMS support as standard (SNM-128S/P)

Samsung Techwin 16 Channel MPEG-4 DVR

Video Compression Format	MPEG-4
Recording Resolutions	704 x 576 / 704 x 288 / 352 x 288
Max. Recording Frame Rate	400fps
Max. Display Frame Rate	400fps
Backup Methods	DVD+RW, USB (2 Front)
Hard Drive Bays	4
Network Functionality	TCP/IP, DHCP, DNS, DDNS, HTTP, ARP, IMCP, NTP

- Convenient control with a remote controller and a mouse
- Multi-Language OSD
- Thumbnail / Calendar / Book mark Search Functions
- Capability for simultaneous use of 3 multi-screen monitors for greater access and control
- Built-in web server
- RS-232C, RS-485/422
- Pan / Tilt / Zoom support (Multi-protocol)
- 16 Channels audio recording

Part No.

VSSAM-SVR1660N

LINUX BASED DIGITAL VIDEO RECORDER SYSTEMS

PLATINUM SERIES

- >>> 400 FPS REAL-TIME DISPLAY RATE
- >>> 400 FPS RECORDING RATE
- >>> HIGH RESOLUTION RECORDING
- >>> MULTI-HOST SOFTWARE
- >>> SUPPORTS VIDEO OVER IP
- >>> CD/DVD/USB & NETWORK BACKUP
- >>> STORE UP TO 5TB OF FOOTAGE
- >>> MPEG4 VIDEO COMPRESSION

Video Compression Format	MPEG4
Recording Resolutions	352 x 288 / 704 x 576
Max. Recording Frame Rate	400 FPS Global
Max. Display Frame Rate	400 FPS Global
Backup Methods	CD / DVD / USB
Hard Drive Bays	5
Network Functionality	Live View / Live Recording / Search / Setup / Backup

16
CHANNEL



* Monitor Not Included

Platinum Series 16 Channel 400 FPS DVR

The Next Generation top of the range DVR PLATINUM SERIES features 400FPS display rate (REAL TIME) which is essential for prolonged periods of video monitoring (as it eliminates headaches and sore eyes). The PLATINUM400L has a 400FPS global recording frame rate and the user can select to record in either Standard Resolution or High Resolution. It has the ability to be remotely viewed from anywhere around the world by simply logging in to the system via your web browser. The included multi-host software allows multiple DVRs to be connected on a network to provide simultaneous viewing and control of up to 256 cameras. The DVR Platinum Series supports up to 5 hard disk drives allowing for a maximum of 5.0TB to be utilised.

Part No.
DVRPLATINUM400L

PLATINUM MULTIHOST SOFTWARE

All of our PC based Linux DVR systems are suitable for commercial, industrial or residential use and come with the latest version of MPEG4 Multihost software, which enables you to be able to view up to 256 sites simultaneously.

Some of the software features include:

- Web Interface / NT Server & Inbuilt support for remote viewing
- MPEG4 Recording (high quality video compression)
- Simple network configuration
- View via the internet / LAN / WAN using your ethernet, broadband or cable connection (just enter in your DVRs IP address along with your username and password to view all of your cameras!)
- Remotely administer your Digital Video Surveillance system without having to be in front of it! Control it from anywhere around the world
- Pan / Tilt/ Zoom control
- Search for saved images
- Secure username & password login (Multi-Level)
- Multi-Host software - View multiple sites simultaneously
- Selectable display modes (eg. view cameras as: 2 x 2, 4 x 4 etc)
- Can be used with VSNTSERVER
- Remotely backup recorded video footage

Platinum Multihost Software - How It Works

This system gives you total control and flexibility, no longer do you have to imagine viewing all your sites at once the Technology is here and it's included with the Platinum series.

What Does It Mean?

In the example installation below the client has 3 sites located throughout Australia, using standard non multihost systems would only allow the remote monitoring site to be able to view one location at a time, however by using the Platinum series DVR's with the included Multihost Software you are able to view and control any combination of cameras and sites from anywhere around the world simultaneously. In the example the client has chosen 13 cameras from the NSW site, 11 from the Qld site and 15 from the VIC site, meaning all 39 cameras are displayed at once on the remote viewing screen. This system has total flexibility and can be changed at any time by simply selecting what combination of cameras you require, you can choose to view and control 1, 10, 20, 100, 200 cameras or more simultaneously.



Benefits:

In today's changing world businesses are wanting to monitor their operations more closely for a number of reasons including, time and motion studies, OH&S, staffing issues and security. By being able to view multiple sites simultaneously businesses can take an overall look at their operations and compare what works at different sites and what does not, allowing them to streamline their operations for maximum effectiveness. OH&S problems and staffing issues can be recognised and rectified and one person can maintain effective security surveillance over multiple locations. The Platinum series has been designed to offer a packaged solution that suits all businesses from small single unit installations to large multi national organisations.

ADVANCED SOFTWARE - CMS MANAGEMENT TOOL

Platinum DVR Central Management Software (CMS)

The Platinum DVR CMS software offers users the most compelling remote monitoring solution available in the modern IP-Surveillance security market. It has capabilities to view, search data and control up to 1,024 cameras from any combination of up to 64 Linux DVR Software products worldwide via Internet. The powerful video data handling proficiency allows Linux DVR Software ACMS to handle high quality CIF and D1 resolution with ease. It is compatible with any of our MPEG4 Linux DVRs and NT Servers and is designed run constantly 24hours a day, 7 days a week.

Main Features

- User-friendly GUI with easy and instinctive controls
- Live monitor (up to 256 cameras in multiple windows)
- Event (motion) monitor and search
- Host manager for NT and Linux DVRs
- Remote Window for camera controls such as PTZ and presets, contrast, hue, colour
- Toolbox for top-level menubox, quick connect function
- e-map for displaying direct location of camera
- Log Monitor

Powerful Event Management

- In real-life monitoring, it may be strenuous for users to identify vital problems instantly from the video data. Therefore, Linux DVR Software ACMS provides effective event management functions in order to deal with video data from multiple cameras or DVRs.

Multi-Monitor Support

- The application of single window program will be inadequate to accommodate the diverse functions of CMS. Linux DVR Software ACMS allows users to allocate relevant functions independently in order to support monitoring using multiple monitors.

Search and Backup

- Specific video data backup and search on event basis is vital for incident capture and evidence material retrieval. To support such functions, Linux DVR Software ACMS is enriched with application of event basis search manual backup and event based automatic backup, scheduled backup and much more.

* For further information on this product please visit us at www.rhino.com.au or contact our sales office.



Linux DVR Software ACMS Multi-Monitor View

Part No.

DVRCMSAPP



(Side View 1)

(Side View 2)

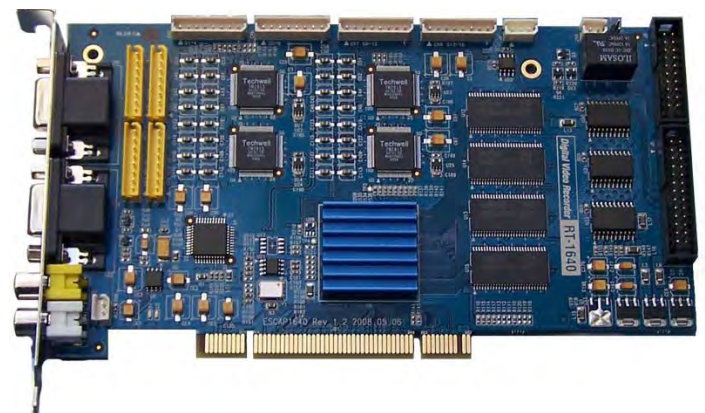
Platinum Series Network Video Web Server

The VSNTSERVER encodes and decodes video/audio/control data for transmission over an IP network, so you can convert an analogue camera into a network attached recording device. Not only can it be accessed anywhere in the world, it can also be recorded over your network to a Linux based digital video recorder (DVR), saving you money on long coax runs and installation costs. Two of these units can also be used in a transmitter/receiver setup for analogue video transmission over a network, without the need for coax or even a DVR system.

- Converts CCTV analogue data into digital MPEG4 data
- Designed to be mounted to walls with aluminum case to prevent overheating
- Transmission of 25fps high resolution video images
- Bi-directional audio support for voice communication
- Application for mass scale monitoring terminal through SNMP V2 support
- Designed for use with our Platinum Series DVRs
- Utilises Platinum DVR as the video storage/distribution device
- Ability to modify transmission volume through motion detection/sensor input
- Directly accessible via Web Interface and Multihost Software
- PTZ camera support
- Sensor Input and Relay output
- Adjustable bandwidth, image rate and image quality
- 130mm x 145mm x 25mm

Part No.

VSNTSERVER



High Resolution Platinum DVR Card - 16 Channel, 400 FPS

- Features Hardware Compression

Video Inputs	16
Audio Inputs	16
Global Framerate	400fps @ Cif 100fps @ D1
Supported Resolutions	352 x 288 / 704 x 288 / 704 x 576
Realtime Display	Yes
Onboard RS-485	DVD+RW, USB (2 Front)
Digital Input/Outputs	16/16 Optional
Monitor Outputs	1
Hardware Watchdog	Yes

Part No.

PLATCARD400E

HYBRID NETWORK VIDEO RECORDER (ANALOGUE / IP CAMERAS)

ONLY THE BEST FROM THE USA!**exacqVision® Pro****Advanced Hybrid Video Surveillance NVR**

How does a CCTV system that can provide images TWICE the quality of Blu-ray video sound? Your clients will certainly be "blown away" when they hear this type of image quality is now available from you...

I hope you may have just a few minutes to take a brief look at our new range addition - the "Exacqvision NVR". This Network Video Recorder product is at the leading edge of Hybrid Analogue / IP / Megapixel video surveillance solutions. It stands to provide you and your clients with a CCTV system that provides outstanding image quality, features & scalability at an affordable price.

Exacqvision has been designed in the USA as a complete multi-platform security solution that can record all formats on one dedicated server platform. Analogue cameras, IP cameras & IP Megapixel cameras can all be mixed, all recording at their own precise resolutions and codecs (MPEG4, JPEG, & H.264). No analogue to IP converters are required as each Exacqvision NVR can handle 4-32 Analogue cameras like any normal DVR and expand up to 64 IP cameras per server.

The Exacqvision Server can be supplied in 2 formats - Windows or Linux.

All client software is free and can be installed and utilised on as many client related PC's as required. The client software can be supplied in 3 formats, Windows, Linux, or Mac to suit your clients business requirements.

The Exacqvision NVR is also been heavily recognised as one of the number 1 platforms with camera partners like Arecont, Stardot, Axis, Sony, Panasonic, ACTi & many more jumping on board to support this new Exacqvision NVR. You aren't tied in to buying 1 brand of camera - you have freedom of choice to get the best value solution for your client's needs.

Recently many large Access Control companies have been actively working with Exacqvision such as Lenel, Cardax, DSX, and many more. All these companies' software integrates with the Exacqvision software on all levels of security.

This is the complete solution for your clients you have been waiting for! Please have a look at the information below to learn further how this complete hybrid CCTV solution can increase your chances of gaining more business from new and existing clients & simply blow your competition out of the water.

Prepare to be blown away!**Brilliant Reproduction****5 Mega Pixel Quality
@ 9FPS / Camera!**

Seamlessly mix any combination
of Analog / IP / IP Megapixel Cameras



Advanced Hybrid Video Surveillance NVR

Easy to use exacqVision Pro Network DVR is a hybrid digital video recorder product line designed for advanced CCTV security and surveillance applications. It seamlessly merges real-time digitising of analogue cameras and IP cameras. Available in 4, 16 and 32 camera versions, packaged in both space-saving 2RU-height rackmount chassis and compact desktop chassis.

True Hybrid NVR

Seamlessly mix any combination of Analog & IP cameras

Easy to Use

Contemporary, Intuitive User Interface

Advanced Analog Camera Support

- Hardware Compression for full frame rate on all analog cameras
- Up to D1 (4CIF) resolution on all analog inputs
- Industry-Standard MPEG-4 Compression
- Unrivalled Video Quality and Clarity
- Up to 32 analog inputs at full frame rate in single, cool-running 2RU chassis

Extensive IP Camera Support

- Standard, PTZ and Megapixel cameras of any resolution
- Cameras from the most popular vendors, including Axis, Sony, and IQinvision
- All compression formats
- Add up to 64 IP cameras per server. Easy activation or camera MAC addresses required

Secure & Stable

Client Server architecture for stability and security

Easy to Expand

Mix and match exacqVision IP and exacqVision Pro systems to add additional IP and Analog cameras for a truly Hybrid, scalable enterprise video surveillance system, from one camera to hundreds.

Hardware Compression

Advanced MPEG-4 ASP Compression enables Real-Time Video with watermarking on every camera

320 GB Hard drive included

Analog & IP Cameras

Seamlessly mix any number and combination of analog cameras and IP cameras - up to 64 IP cameras. 8 channel included.

Completely Scalable

exacqVision Pro can be implemented from single-camera systems up to enterprise systems with hundreds of cameras

common User Interface for All Configurations

easy-to-use client software is common to both exacqVision Pro and exacqVision IP

Powerful

Simultaneous record, playback, and search

POS/ATM Integration

Powerful Text Insertion and indexing allow for POS & ATM video and transaction recording

Extensive I/O

16/32 video inputs, multiplexed video output, alarm inputs and outputs, audio, serial ports (RS-232 & 485) for POS/ATM and PTZ, API for third-party integration

Open Architecture for Integration

Open API for third-party integration of video analytic software, access control systems and more.

Client-Server Design

Highly Secure for Network Operation.

High Resolution Video

Video resolutions on each input up to 4CIF (D1) for analog camera inputs, and support for IP cameras of all resolutions, including megapixel resolutions for detail recording in large areas (lobbies, common areas, perimeters, etc)

ExacqVision Pro 4 Channel Hybrid Network DVR

Video Compression Format	MPEG4 , H.264, MJPEG
Recording Resolutions	CIF/2CIF/D1 + Megapixel ³
Analogue Record Rate	Real time @ CIF
IP Camera Record Rate	Camera dependant
Analogue Camera Inputs	4
IP Camera Inputs	8 ¹
Hard Drive Size	320GB ²

Part No.
DVREXAQ4CHPRO

ExacqVision Pro 16 Channel Hybrid Network DVR

Video Compression Format	MPEG4 , H.264, MJPEG
Recording Resolutions	CIF/2CIF/D1 + Megapixel ³
Analogue Record Rate	Real time @ CIF
IP Camera Record Rate	Camera dependant
Analogue Camera Inputs	16
IP Camera Inputs	8 ¹
Hard Drive Size	320GB ²

Part No.
DVREXAQ16CHPRO

ExacqVision Pro 32 Channel Hybrid Network DVR

Video Compression Format	MPEG4 , H.264, mjpeg
Recording Resolutions	CIF/2CIF/D1 + Megapixel ³
Analogue Record Rate	Real time @ CIF
IP Camera Record Rate	Camera dependant
Analogue Camera Inputs	32
IP Camera Inputs	8 ¹
Hard Drive Size	320GB ²

Part No.
DVREXAQ32CHPRO

ExacqVision Pro 64 IP Channel Network Video Recorder

Video Compression Format	MPEG-4, MJPEG, H.264 by camera
Recording Resolutions	CIF to 5 Megapixel
NIC	1Gbit 100Base T RJ-45
USB 2.0 PORTS	8 (2 front, 6 rear)
Operating System	Windows XP Pro or Linux
DVD/CD RW	Yes (front panel access)
Serial Connections	1 serial port

Part No.
DVREXAQNVR2RU

¹ expandable to 64 IP cameras

² Upgradable to 3x 1.5 TB

³ Analogue Max. D1 / IP Mega Pixel +

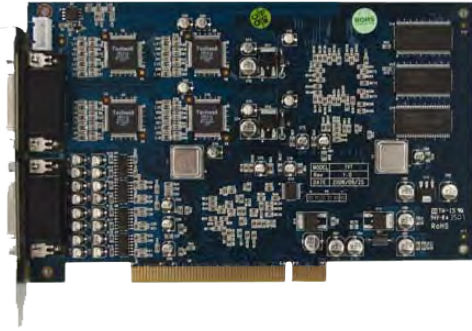
The World's Leading NVR Manufacturer



The NUVO is the next generation in Digital Surveillance Technology. It allows complete customisation regardless of whether you require IP, Analog or a Hybrid solution. It supports virtually unlimited storage space through the use of Network Attached Storage (NAS) devices. The NUVO can even record 32 Channels of D1 (720 x 576) in real time using its H.264 hardware compression cards.

 **nuvo**
The Intelligent Surveillance Solution

NUUO VIDEO CAPTURE CARDS



NUUO-5004R

NUUO MPEG-4 16 Channel Software Compression Card

Developed for use within a NUUO DVR, this 16 Channel video capture card uses an MPEG-4 compression format. It is capable of recording up to 400fps at CIF, and up to 100fps at D1 resolution. The card includes NUUO DVR Analytic software.

Part No.
NUUO-4016



NUUO-5008R



NUUO-5016R

NUUO H.264 D1 4/8/16 Channel Video Capture Cards

Developed for use within a NUUO DVR, these high resolution H.264 compression video capture cards are available in 4, 8, 16 Channels. The cards includes the standard NUUO DVR Analytic software.

Model Number	NUUO-7004R	NUUO-7008R	NUUO-7016R
Video Input	4 Cameras	8 Cameras	16 Cameras
Audio Input	4 Channels	8 Channels	16 Channels
Display Rate	100 fps	200 fps	400 fps
Recording Rate	100 fps @ D1	200 fps @ D1	400 fps @ D1
Video Resolution	176x144; 352x288; 704x576	176x144; 352x288; 704x576	176x144; 352x288; 704x576
Compression	H.264	H.264	H.264
Dimensions (mm)	167 (W) x 121 (H)	201 (W) x 109 (H)	216 (W) x 126 (H)

Part No.
NUUO-7004R
NUUO-7008R
NUUO-7016R

NUUO H.264 CIF 4/8/16 Channel Video Capture Cards

Developed for use within a NUUO DVR, these high resolution H.264 compression cards are available in 4, 8 and 16 Channels. The cards includes NUUO DVR Analytic software.

Model Number	NUUO-5004R	NUUO-5008R	NUUO-5016R
Video Input	4 Cameras	8 Cameras	16 Cameras
Audio Input	4 Channels	8 Channels	16 Channels
Display Rate	100 fps	200 fps	400 fps
Recording Rate	100 fps @ CIF	200 fps @ CIF	400 fps @ CIF
Video Resolution	176x144; 352x288; 528x384; 704x576	176x144; 352x288; 528x384; 704x576	176x144; 352x288; 528x384; 704x576
Compression	H.264	H.264	H.264
Dimensions (mm)	154 (W) x 95 (H)	201 (W) x 109 (H)	265 (W) x 125 (H)

Part No.
NUUO-5004R
NUUO-5008R
NUUO-5016R

Please Note: Prices given are valid for individual sales only

NUUO ACCESSORIES



NUUO USB to RS232/422/485 Converter

External USB to RS232/422/485 converter.

Part No.
NUUO-C08



NUUO 16 Channel Digital Input RS485 Module

16 Channel external digital input module for a NUUO DVR or NVR. Product requires NUUO-C08 for operation.

Part No.
NUUO-C26



NUUO 16 Channel Digital Output RS485 Module

16 Channel external digital output module for a NUUO DVR or NVR. Product requires NUUO-C08 for operation.

Part No.
NUUO-C28



NUUO POS Converter - Inserter

External POS Converter for NUUO DVR and NVR. Can interface with POS/Cash Registers

Part No.
NUUO-C31



NUUO 4 Port I/O Card (Alarms and Relays) Device with RS485 Port

This is an internal 4 Channel Alarm In, Alarm Relay Out device for a NUUO DVR or NVR.

Part No.
NUUO-G3IO

NUUO SOFTWARE AND LICENCES

NUUO Central Management System Client Software



The NUUO NVR-based Central Management System (CMS) is a powerful system designed for large-scale and high level enterprise projects. CMS can manage all NUUO product lines including NVR, DVR and NVRmini. The NUUO CMS supports unlimited cameras, servers and users. The controls and operation of NUUO CMS is clear cut and map centric. It has a powerful alarm management system and can control unlimited matrices viewing consoles in the centralized control room.

The main features of the NUUO Central Management System are:

- Map Tree Hierarchy: Unlimited level display site map and linked between navigation tree and map window
- Define Maps - Lock / Map Settings / New / Edit / Delete. Supported image format: BMP, GIF, JPEG, PNG, and TIFF.
- Define Surveillance Servers - New / Edit / Delete / Disable and Enable
- Define Network Cameras - New / Edit / Delete
- Navigation tool on Maps - Use to zoom in, zoom out and Drag operation
- Indicators on Maps - Indicators for maps, servers, cameras and I/O devices on maps with different images to show the status. Indicator icons support image format with alpha channel (TIFF).
- Intuitive Operation on Maps - Open Last Alarm. Open Live Video Window. Open Instant Playback Window. Activate Video on Matrix Console. View the status report of surveillance servers.
- Live Popup Window - Live popup window to show live video with PTZ control panel
- Playback Popup Window - Remote playback popup window to show recorded video
- Action when Alarm - Go to the specific map layer when alarm happens. Automatically show live video on popup window function. Automatically show live video on live matrix system function.
- Alarm Viewing - Filter tools to survey existing alarm history.

Part No.
NUUO-CLIENTSW

NUUO Central Management System Server Software with 4 Clients Software



The NUUO NVR-based Central Management System (CMS) is a powerful system designed for large-scale and high level enterprise projects. CMS can manage all NUUO product lines including NVR, DVR and NVRmini. The NUUO CMS supports unlimited cameras, servers and users. The controls and operation of NUUO CMS is clear cut and map centric. It has a powerful alarm management system and can control unlimited matrices viewing consoles in the centralized control room.

The main features of the NUUO CMS Server Software are:

- Client server architecture: One CMS server could be connected by several CMS clients
- Wide Range of Supported Devices: Support for IP cameras from ACTi, Arecont, Axis, Etravision, IQeye, JVC, LevelOne, Lumenera, Mobotix, Panasonic, Pixord, Sony, Toshiba, VIVOTEK, Zavio.
- Multiple matrix console - Several matrix consoles could be connected through network
- Live Viewing - Up to 64 concurrent camera viewing for each matrix console
- Alarm Database - Use SQL Server 2005 Express to store all the alarm logs
- Central Server - Store the site map hierarchy data structures. Directly connect to surveillance server to get alarm notifications. Provide TCP service for CMS clients' access through network.
- Supported Alarm Types - Video Signal Abnormal. Digital Input Trigger (Normal / Emergency). Network Abnormal. DVR / NVR Abnormal. Motion / Missing / Foreign / Focus / Blocked / Occlusion. Low Disk Space. CPU temperature High / Fan Speed Low.
- Supported Notification Type - Show on alarm / message list. Play sound. Send e-mail. Phone call and play .wav file. Send SMS message. Move PTZ camera to the preset point. Trigger digital output.

Part No.
NUUO-SERVERSW

NUUO MINI NVR

NUUO NAS NVR Mini 8/16 Channel IP Server with 4 HDD bays



The NUUO NVR mini is the world's pioneer Linux embedded NVR standalone for IP surveillance cameras. The system is extremely simple to install because no specific software or hardware is needed. Simply plug it in and it is ready to use.

Users can access the live view and playback functions from any computer with Internet Explorer wherever they are in the world. Due to its specialised application, the NVR mini is designed to be simpler than normal NVR standalones, and be a cost efficient solution.

The NVR mini makes use of RAID technology, allowing for an increase in the data transfer rate and the assurance of continuous system operation in the event of a disk drive failure.

The key features of the NUUO NVR Mini IP Server are:

- Linux based NVR standalone
- Open platform for 14 brands of IP cameras
- Megapixel cameras and H.264 compression format supported
- Web-based network appliance architecture
- Record without turning the PC on
- Supports real-time recording at D1 resolution
- Maximum resolution is up to 5.0 megapixel
- Real-Time A/V viewer
- Intelligent search in 5 ways
- Instant playback control
- I/O device integration
- Online GUI recording schedule
- Supports up to 4 SATA drives
- Supported by NUUO CMS

Model Number	NUUO-NV4080	NUUO-NV4160
Recording Cameras	1~8	1~16
Number of HDD	4 x SATA	4 x SATA
I/O Interface	2 x USB 2.0 (For UPS)	2 x USB 2.0 (For UPS)
Recording Rate	Up to 200fps @ D1	Up to 200fps @ D1
Compression	MPEG-4, MJPEG, H.264	MPEG-4, MJPEG, H.264
Dimensions (mm)	188.2 x 152.5 x 227.6	188.2 x 152.5 x 227.6

Part No.

NUUO-NV4080

NUUO-NV4160

Packs of IP Camera Licenses for NUUO NDVR Products.



These sets of IP Camera Licenses are available in 4, 8, 12, 16, 25, 32, 36, 64 quantities.

Part No.

NUUO-IP04

NUUO-IP08

NUUO-IP12

NUUO-IP16

NUUO-IP25

NUUO-IP32

NUUO-IP36

NUUO-IP64

NETWORK ATTACHED STORAGE (NAS)



Network Attached Storage For DVR in 3RU Case

Kits Include:

- 1 x 19 inch Rack Mount
- 1 x Motherboard - Single Monitor Out (Base Kit)
- 2 x 1GB DDR2 RAM
- 1 x Intel Processor - Dual Core (Base Kit)
- 1 x Power Supply
- 1 x Operating System - Linux

Does not include a hard drive

Part No.

DVRNAS3RU

NUUO BASE KITS



Monitor Not Included

NUUO DVR Base Kits

The NUUO Base Kits Include:

- 1 x 19" Rack Mount
- 1 x Motherboard - Single Monitor Out (Base Kit)
- Dual Monitor Out (Premium Base Kit)
- 2 x 1GB DDR2 RAM
- 1 x Intel Processor - Dual Core (Base Kit)
- Quad Core (Premium Kit)
- 1 x PS/2 Keyboard and Mouse
- 1 x DVR Software CD
- 1 x DVD Burner
- 1 x Video Card - (Premium Kit Only)
- 1 x Power Supply
- 1 x Operating System - Windows XP Professional / Windows Vista Business

* Please Note: Base Kits do not include a hard drive*

Part No.

NUUOHDVRBASEKIT

NUUOHDVRBASE-PKIT

DVR & VIDEO SURVEILLANCE ACCESSORIES



High Quality Professional Rackmount Cabinets

Available in 3 Sizes:

- 18RU (W600 x D450 x H950mm)
- 27RU (W600 x D800 x H1400mm)
- 37RU (W620 x D800 x H1800mm)

- Glass front panel with deluxe lock
- Metal side panels
- Metal rear door with lock
- Inbuilt cooling fans
- 4(18RU) & 6 outlet universal power adaptor sockets
- Base with four twin castor wheels (2 with brakes) stands also available

Part No.

RACKMOUNTCAB18
RACKMOUNTCAB27
RACKMOUNTCAB37



1.8 Metre KVM Cable

- For any additional devices on your KVM switch

Part No.

KVMCABLE1.8



Professional 19 Inch /3U Rack Mount PC/DVR Case

This professional 19" rack mount PC/DVR case comes supplied with all the cabling required to connect your components.

- 3U rack mount chassis
- Power supply not included

Part No.

DVRCASE3



8 Port Rack Mount KVM Switch

Featuring a console port to connect your shared keyboard, video and mouse to up to 8 individual computers / servers / DVRs.

- 8 Port 19" Rackmount PS/2 KVM Switch in Metal Enclosure
- PS/2 Style Keyboard and Mouse Control
- Direct Channel Selection and Operation Using Front-Panel Push Buttons and Keyboard Hotkeys
- Support for DOS, Windows 95/98/SE/ME/2000/XP, Linux etc
- LED Indicators for Easy Port Status Monitoring
- Also Available in 2, 4 and 8 Port Non-Rack Mount Versions

Part No.

KVMRACK

DVR & PC DISPLAY MONITORS



Samsung 17" LCD Monitor - VGA & DVI Video Input

- 3 Year Warranty
- Screen Size: 17 inch (43 cm)
- Video Input: 15 Pin D-Sub (VGA) / DVI-D (Digital Visual Interface)
- Display Area: 337.920 mm (H) x 270.336 mm (V)
- Aspect Ratio: 4:3 (Suitable CCTV Industry - Not Wide Screen)
- Resolution: 1280 x 1024
- Response Time: 5ms
- Adjustable Stand: Height Adjustable, Pivot, Swivel 360 Deg., Tilt
- Wall-Mount: VESA 75mm
- Product Dimension: (With stand, WxHxD) 368.0 x 367.2 x 190.0mm

Part No.
LCDSAM17743B
TFT17V-S

2 Models Available:

Model: LCDSAM17743B
Model: LCDSAM19943B

VGA/DVI-D ONLY



Model: TFT17V-S
Model: TFT19V-S

Composite (BNC) ONLY



Samsung 19" LCD Monitor - Composite Video Input Only

- 3 Year Warranty
- Screen Size: 19 inch (48 cm)
- Display area: 376.32 mm (H) x 301.056 mm (V)
- Aspect Ratio: 4:3 (Suitable CCTV Industry - Not Wide Screen)
- Resolution: 1280 x 1024
- Response Time: 5ms
- Adjustable Stand: Height Adjustable, Pivot, Swivel 360o, Tilt
- Wall-Mount: VESA 75mm
- Product Dimension: (With stand, WxHxD) 405.6 x 380.2 x 190.0 mm
- Product Dimension: (Without Stand, WxHxD) 405.6 x 335.2 x 63.8 mm
- Shipment Dimension: (WxHxD) 479.0 x 203.0 x 412.0mm
- Product Weight: 4.85Kg
- Shipment Weight: 6.50Kg

Part No.
LCDSAM19943B
TFT19V-S

NEW!



With both
BNC
&
VGA
Inputs

17" LCD Security Monitor w/ Glass Front

These attractive 17" LCD monitors have been designed specifically for use in the CCTV industry. They feature a protective glass front, providing more protection than a standard LCD monitor. They also utilise a 4:3 aspect ratio, ensuring that video camera images are displayed correctly and not distorted, unlike using a widescreen monitor which incorrectly stretches CCTV images. The monitors have both VGA and BNC inputs, making them ideal for use with a wide range of CCTV equipment. The monitor has a contrast ratio of 600:1, an 8ms response time and a native resolution of 1280 x 1024 pixels.

Part No.
LCD17MON

NEW!



With both
BNC
&
VGA
Inputs

19" LCD Security Monitor w/ Glass Front

These attractive 19" LCD monitors have been designed specifically for use in the CCTV industry. They feature a protective glass front, providing more protection than a standard LCD monitor. They also utilise a 4:3 aspect ratio, ensuring that video camera images are displayed correctly and not distorted, unlike using a widescreen monitor which incorrectly stretches CCTV images. The monitors have both VGA and BNC inputs, making them ideal for use with a wide range of CCTV equipment. The monitor has a contrast ratio of 1000:1, a 5ms response time and a native resolution of 1280 x 1024 pixels.

Part No.
LCD19MON



7 Inch LCD Monitor With Stand & Remote Control - Dual Video Inputs

- Display size: 7 inch
- Aspect ratio: 16:9
- Resolution: 234 x 480pixels
- Dual video inputs (Video1 & Video2)
- Multi-purpose LCD monitor for VCD/DVD/TV/GPS
- Full function remote control
- Power supply: DC 12V
- Power consumption: 7W
- Dimension: 195 x 140 x 25mm

Part No.

LCD7



LCD/TFT Screen Wall-Mount Bracket with Tilt

- Std VESA 50/74/100/200/100x200
- 90 degree horizontal swing, + 20 degree vertical tilt
- 100mm Spacing
- Max Load 30Kg

Part No.

TFTBRACKET



LCD/TFT Screen Wall-Mount Bracket with Tilt / Swivel

- Std VESA 50/75/100/200/100x200
- Tilt/Swivel Adjustments
- Max Load 30kg

Part No.

TFTBRACKETSW



Ceiling Mount LCD Bracket

- Standard VESA 50/75/100
- Adjustable drop 500-850mm
- Easy to install
- Max load 20kg

Part No.

VSCACMB

NETWORKING PRODUCTS & VIDEO WEB SERVERS



2 Channel Video Web Server

Allows you to upgrade your existing site based video monitoring system to allow remote viewing across the Internet. Each server allows for 2 analogue camera inputs and connects to the network via Ethernet.

Once the unit has been correctly configured it can be viewed and controlled around the world providing an extremely cost effective IP based surveillance system.

It is compatible with most CCTV cameras with an analogue output and has an auto e-mail warning system, which uploads images (to FTP site) and can advise you if an external alarm is triggered.

- Allows for watching and controlling on the Internet or LAN
- Watch dog function supported
- Supports Dynamic IP address via a Router
- 4 alarm inputs supported
- Duplex function, record & playback simultaneously at client site
- Intelligent recording function on Network Loss
- Multi AP screens & HTTP display (IE browser) supported

Part No.

VSWEBSERVER



4 Port ADSL Router Modem

- Four 10/100Mbps ethernet ports for connection to computers
- DHCP automatically and dynamically assigns all LAN IP settings to each host on your network
- Easy installation: uses a web-based graphical user interface program for convenient management access and easy setup
- VPN support (L2TP, PPTP, IPSec)
- Support for static IP, dynamic IP and PPPOE connections

Part No.

ADSLROUTER2



Wireless 4 Port Network Router Modem

- Wi-Fi enabled computers/DVRs and devices can wirelessly connect and share a single incoming Internet Connection
- Four 10/100Mbps ethernet ports for connection to computers
- DHCP automatically and dynamically assigns all LAN IP settings to each host on your network
- Combined wireless ADSL modem & 802.11g wireless router in one
- Easy Installation: Uses a Web-based Graphical User Interface program for convenient management access and easy setup
- VPN support (L2TP, PPTP, IPSec)
- Wireless signal rates: IEEE 802.11b: 11, 5.5 and 1Mbps IEEE 802.11g: 54, 48, 36, 24, 18, 12, 9, 6Mbps

Part No.

ADSLROUTERW

Wireless Mobile 3G Modem Router

Just insert a SIM card for wireless video



3G HSPA Wireless Modem

The VSWAN3G facilitates the remote installation of IP based equipment. It is suitable for IP cameras and network servers. It transmits over any 3G mobile network. This allows you to remotely access your equipment from virtually anywhere, making it ideal for remote location, rapid deployment applications and event security.

- Connect any type of IP device such as camera or network server
- Analogue video signal cameras can also be connected utilising an optional web server

- Advanced persistent link technology to monitor link integrity & maximise uptime across unpredictable networks
- Easily accessible SIM module with dual SIM support for redundant network failover
- Informative status LEDs for power, signal strength and cellular link activity.
- Python scripting & custom development environment available

Ethernet Connection	RJ45, 10/100 Base T
USB Connection	Type A Connector
Serial Connection	RS-232/422/485
Supported Modes: 850/2100MHz WCDMA	Downlink up to 7.2Mbps / Uplink up to 2.0Mbps **
Supported Modes: 850/900/1800/1900MHz GSM/ GPRS/EDGE	Downlink up to 236Kbps / Uplink up to 236Kbps **
NAT & NAT-T for VPN	Yes
Access Control Lists (IP Filtering)	Yes
Dynamic DNS Support	Yes
IPSEC with IKE/ISAKMP	Yes
Multiple Tunnel Support	Yes
IPSEC encryption	DES, 3DES and up to 256-bit AES encryption
Power Input	9-30VDC
Power Draw	1.2W / Max: 3.4W
Operating Temperature	-25° C to +60° C
Relative Humidity	5% to 95% (non-condensing)

Part No.
VSWAN3G

Use and Integration of the VSWAN3G



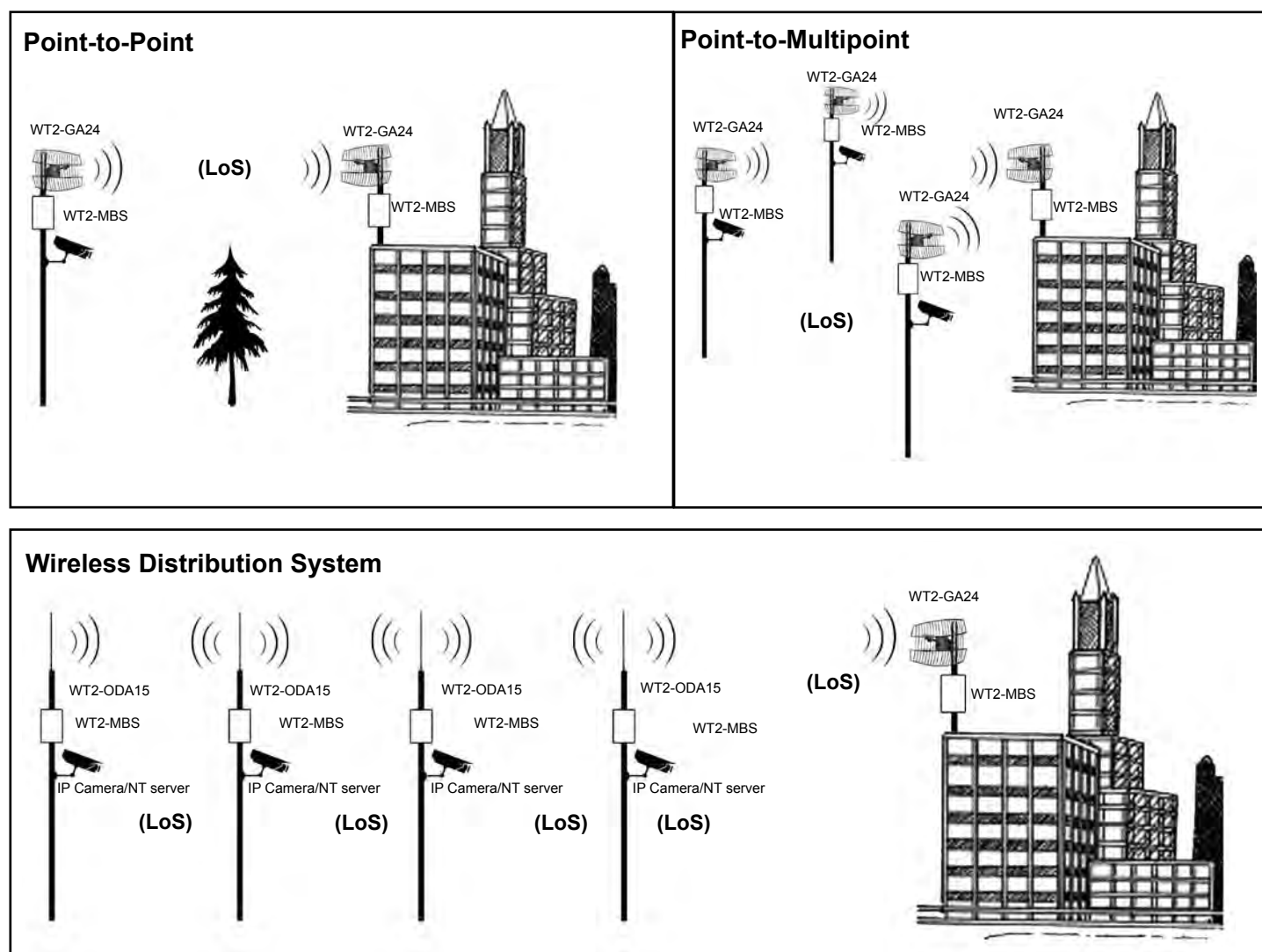
Wireless CCTV

Wireless transmission networks for CCTV security applications are becoming increasingly popular due to the flexibility of wireless communication and, low cost and low-disruption deployment compared to installing cabled systems.

At RhinoCo Technology we can customise your wireless solution utilising our range of analogue and digital transmission devices.

If you have a specific inquiry please visit us at www.rhino.com.au for further information or call our sales team.

Below are some examples of typical installations using our wireless transmission products.



Definitions:

IEEE 802.11

A set of standards for wireless local area network (WLAN) computer communication in the 5 GHz and 2.4 GHz public spectrum bands.

Access Point (AP)

Wireless base station which coordinates communication for wireless clients between each other and with the wired network.

Wireless LAN (WLAN)

One or more access points and their associated clients which communicate by radio to form a data network.

Wireless Distribution System (WDS)

Method for linking many wireless access points to form a mesh-like network.

Wireless Bridge

A pair of access points configured in bridge mode allowing two wired networks to be transparently connected through wireless link.

Line of Sight (LoS)

A clear, straight line path between wireless devices which is in no way obstructed by buildings or trees.

WIRELESS TRANSMISSION 2.4GHZ

**Analogue Super Mini 2.4GHz 3-Channel Wireless AV Kit**

- 2.4GHz transmitter & receiver
- Option to select up to 3 channels
- Super mini size
- Auto switch channel
- Transmits and receives video & audio (Stereo)
- Channel indicator LED
- Potential range up to 100 metres
- Easy installation
- Included 2 power supplies
- Weatherproof housing unit option available

Part No.
VS15-2400AK2

**2.4GHz Directional Antenna 18dbi**

N type female connector
For external use
For 15-2400 cameras and receivers
Size: 360 x 220 x 40mm
Weight: 1500g
UVB resistant

Part No.
VS15-2400AP18

**Dual Band Digital Outdoor Multimode Base Station IP67**

This Dual Band Multimode Wireless Base Station product is designed for outdoor long-range wireless communication up to 50km. Based on the IEEE 802.11 a/b/g standards operating on 2.4GHz and 5GHz frequency, the WTDB-MBS is an ideal cost-effective solution for building-to-building wireless communications, parking lot security, and last-mile internet subscriber applications. The product is capable of operating at one of the four modes: Access Point, Wireless Bridge, Repeater, or Client Bridge. The ruggedness of the IP67 rated enclosure and extreme temperature ratings along with a host of product features make the WTDB-MBS the product choice for long range wireless networking and IP video security applications. The products is designed with the Power over Ethernet (PoE) feature, which allows power and data to be transmitted over a single network cable, providing a simpler, more convenient

Part No.
WTDB-MBS

**2.4GHz Grid Antenna 24dbi****Main Features**

- Simple to install and aim
- Low mast and wind loading
- Surface-treated, corrosion resistant aluminium alloy grid reflector
- Vented, weatherproof feed housing
- Durable solid brass feed (not PCB)
- Good multi-path interference rejection
- Excellent front to back ratio
- Supplied with mounting hardware for attaching to mast or tower member
- Designed & manufactured in Australia
- 24-month warranty

Part No.
WT2-GA24

**2.4GHz Directional RF Yagi Antenna 15dbi**

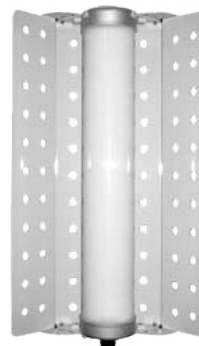
- 2.4GHz Directional RF Yagi Antenna
- Antenna Gain: 15dB
- Dimensions: 475(L) x 425(W)

Part No.
MWYAGIR8215

**2.4GHz Panel Antenna 21dbi**

21dbi panel directional antenna deliver extended wireless access point range in a single floor environment with the antenna, ideally, secured at a corner of the building floor. These antennas can also be used for a point-to-point network so that wireless connections can be achieved with LANs between buildings in a campus-type environment or between two remote areas. Finally, they provide multi-floor transmission when placed on a ceiling, as the higher power output extends the range through typical flooring materials. Our antenna package includes several mounting options, such as fixed, wall-adjustable, and pole.

Part No.
WT2-PA21

**2.4GHz Sector Antenna 21dbi**

21dbi Sector Directional Antenna comprised of a professional quality "cell site" base station antenna and are designed primarily for carrier-class applications and service providers using the 2.4 GHz ISM band. The antennas are packaged with a directional orientation bracket that makes the main beam width and angle adjustable when an antenna is installed on the top of a mountain, radio tower or high-rise building. This feature offers maximum signal strength for both reception and transmission in the desired area. In addition, the directional characteristic allows the user to adjust the transmitting and receiving angle of their antenna and is designed specifically for outdoor building-to-building application with buildings of various height.

Part No.
WT2-SA21

**2.4GHz Omni Directional Antenna 15dbi**

15dbi omni-directional 2.4GHz antenna designed to radiate radio-frequency energy equally in all directions for widespread and all-point wireless deployment. This antenna is especially useful for optimizing coverage when you want to place your wireless access point or router out of plain view- in a wiring closet or above a ceiling pad.

- Radiates radio-frequency energy equally in all directions for widespread and all-points wireless communications
- SWR 1.3:1 max, high performance antenna design
- Made with weatherproof and corrosion-resistant material
- Each package comes with a pole mounting kit for immediate outdoor installation
- Available in 9, 12, and 15 dBi gain

Part No.
WT2-ODA15

WIRELESS TRANSMISSION 5.8GHZ (DIGITAL)



5.8GHz Wireless Transmission Multi Access Point With N-Type Female Antenna Connector

This Wireless Transmission Multi Access Point is used with a compatible Wireless Antenna to create a wireless network. Common network configurations are point to point (2 Access Points and Antennae) and Point to Multi-Point (Multiple Access Points and Antennae). By connecting devices such as IP Cameras and NT Servers, IP video feeds can be transmitted across the wireless network.

The WT5-MAPNFC uses the 5.8GHz frequency. It is

protected by an IP68 certified die-cast all weather housing and lightning protector. It is designed for a wide variety of outdoor applications and can be deployed as point-to-point and point-to-multipoint solutions. The WT5-MAPNFC is an ideal access point solution due to its low cost, superior performance, range, ease of installation and management.

It offers two data rates, based on the IEEE 802.11a mode and the IEEE802.11a turbo mode. When the bridge operates under the IEEE 802.11a mode, it supports data rates from 6 Mbps to 54 Mbps. Under the IEEE802.11a turbo mode, it supports data rates from 12 Mbps to 108 Mbps. The frequency channel for the IEEE802.11a and the IEEE802.11a turbo are across from 5.15 to 5.85 GHz

Part No.
WT5-MAPNFC



Dual Band Wireless Transmission Multi-Access Point with N-Type Female Antenna Connector

This Wireless Transmission Multi Access Point is used with a compatible Wireless Antenna to create a wireless network. Common network configurations are point to point (2 Access Points and Antennae) and Point to Multi-Point (Multiple Access Points and Antennae). By connecting devices such as IP Cameras and NT Servers, IP video feeds can be transmitted across the wireless network. The WTDB-MAPNFC can utilise both 2.4Ghz and 5.8GHz frequency ranges. It is protected by an IP68 certified die-cast all weather housing and lightning protector, making it designed for a wide variety of outdoor applications. The WTDB-MAPNFC is

an ideal access point solution due to its low cost, superior performance, range, ease of installation and management.

It offers two data rates, based on the IEEE 802.11a mode and the IEEE802.11a turbo mode. When the bridge operates under the IEEE 802.11a mode, it supports data rates from 6 Mbps to 54 Mbps. Under the IEEE802.11a turbo mode, it supports data rates from 12 Mbps to 108 Mbps.

Part No.
WTDB-MAPNFC



5.8GHz Panel Antenna 21dbi

21dbi 5.8GHz panel directional antennas can be used ideally for a point-to-point network so that wireless connections can be achieved with LANs between buildings in a campus-type environment or between two remote areas.

Part No.
WT5-PA21



5.8GHz Sector Antenna 21dbi

21dbi 5.8GHz Sector Directional Antenna comprised of a professional quality "cell site" base station antenna and are designed primarily for carrier-class applications and service providers using the 5.1 to 5.9 GHz ISM band. The antennas are packaged with a directional orientation bracket that makes the main beam width and angle adjustable when an antenna is installed on the top of a mountain, radio tower or high-rise building. This feature offers maximum signal strength for both reception and transmission in the desired area. In addition, the directional characteristic allows the user to adjust the transmitting and receiving angle of their antenna and is designed specifically for outdoor building-to-building application with buildings of various height.

Part No.
WT5-SA21



5.8GHz Omni Directional Antenna 12dbi

5.8Ghz omni-directional antenna is designed to radiate radio-frequency energy equally in all directions for widespread and all-point wireless deployment. This antenna is especially useful for optimizing coverage when you want to place your wireless access point or router out of plain view- in a wiring closet or above a ceiling pad.

Part No.
WT5-ODA12

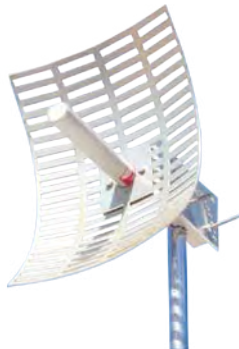


5.8GHz 29dBi Grid Antenna with N-Type Female Connector

This is a 5.8GHz 29dBi high gain Grid Antenna. These high performance and low loss grid antennas are built from the ground up with a focus on reliability, durability, and performance. Compact and durable in their design, these antennas are produced from high quality corrosion resistant coated galvanized steel, offering precise rugged mechanical aspects and maintenance free operation.

The antennas have a High Performance Radiation Pattern, with superior RF and Ground Plane Design to ensure maximum directivity and to minimise leakages. The low loss high efficiency radiation system provides exceptional VSWR ranging from 1.3 to 1.5 to maximize electrical to wireless power transfer. Designed to work well in highly congested areas, the antenna directivity optimises license free radio spectrum to provide more aggregated bandwidth per deployment area.

Frequency Range	5100 ~ 5900 MHz
Gain (dBi)	29dBi
Front-to-Back Ratio	35dB
Dimensions	900 (Dia) x 250 mm
Weight	4.86kg



5.8GHz Grid Antenna 24dbi

- Compact 5.8GHz grid antenna suitable for point-to-point operation
- Simple to install and aim
- Low mast and wind loading
- Single piece, surface-treated, corrosion resistant aluminium alloy grid reflector
- Stainless steel/aluminium mounting hardware
- Vented weatherproof feed housing with microporous membrane
- Durable solid brass feed
- Good multi-path interference rejection
- Designed and manufactured in Australia

Part No.
WT5-GA24

Part No.
WT5-GA29



5.8GHz Wireless Transmitter and Receiver Set Analogue

This system is the ideal choice when multiple indoor wireless video/audio links are required for any commercial, industrial or consumer application. It features 7 user selectable channels, low profile design and simple plug & play set up. It is not susceptible to interference from 2.4GHz 802.11 b/g networks and data devices.

- Transmits real-time high resolution video and stereo audio signals for indoor applications
- 7 user selectable channels
- Stereo audio transmission capable
- Convenient front panel frequency selection, video gain adjustment, power indicator & switch
- Not susceptible to interference from 2.4GHz 802.11 b/g data devices
- Ideal solution for portable, temporary and covert surveillance or monitoring applications

Part No.
AVTXRX5.8

NEW!



0~6 GHz High Performance RF Lightning Arrestor

This product is used in-line between radio and external antenna to minimize transient voltage damage to sensitive RF equipment.

Part No.
WT-LA

NEW!



Single Port Power Over Ethernet (PoE) Injector

This Ethernet line in Power Over Ethernet Injector provides 48VDC power and up to 100Mbps data transfer rate through a standard CAT5 cable.

Part No.
WT-CAT5POE1

WIRELESS TRANSMISSION ACCESSORIES



Outdoor Shielded CAT5 Antenna Cable 25m

- Low loss antenna cable
- Outdoor shielded CAT5
- 25m length

Part No.
WTCAT5-25



LMR400 N-Male to N-Male cable

Type N connector (male) to Type N connector (male). 1.0m in length.

Part No.
CABLENM2NM

NEW!



Five Port Adjustable Voltage Power Over Ethernet (PoE) Switch

The WT-POESWITCH is a unique and powerful outdoor five-port Ethernet Switch with an adjustable voltage feature.

The WT-POESWITCH Adjustable Voltage PoE Switch offers four voltage levels, enabling a wide range of outdoor network and security applications, whilst significantly reducing the complexity of outdoor network installation, integration and ongoing network maintenance. It also offers local power level configurations. Locally, each WT-POESWITCH port is designed with a simple, easy-to-use push button for power level configuration. Remote monitoring over the internet can be achieved using a common internet web browser. This PoE switch includes other dynamic features such as remote web browser, PoE device power cycle and individual port troubleshooting capabilities.

Part No.
WT-POESWITCH

NEW!



Single Port Power Over Ethernet (PoE) Injector and Power Adapter

This product is used as a PoE Injector and Power Adapter for the WT5-MAPNFC.

The injector provides power to the main unit at 48VDC and allows data transfer, over a standard CAT5 cable.

Part No.
WT5-MAPNFCPS

NEW!



Dual Port Power Over Ethernet (PoE) Injector with Surge Suppressor

This 2 port, Power Over Ethernet Injector provides 48VDC power and up to 100Mbps data transfer rate through a standard CAT5 cable.

This model also features surge suppression for protection from lightning and harmful transient voltage.

Part No.
WT-CAT5SP2

NEW!



Single Port Ethernet Surge Suppressor

This single port Ethernet Surge Suppressor provides surge protection from lightning and harmful transient voltage through a standard CAT5 cable.

Used for WT2-MBS model and IP Cameras.

Part No.
WT-CAT5SP1

NEW!



Wall Mounting Kit for WT2-MBS

External Wall Mounting bracket for the WT2-MBS.

Part No.
WT2-MBSWMK

SOLAR POWERED WIRELESS TRANSMISSION



Totally Wireless Long Range Surveillance Cameras

This range of solar powered surveillance solutions has been developed due to the increasing demand for remote surveillance where cabling for both video and power is impossible or cost prohibitive. These systems provide a fully self-sufficient wireless surveillance solution, which can be customised to your individual requirements.

There are 4 versions available depending on your individual needs:

5.8m Galvanised Steel Pole With 120W Solar Panel, Battery & Compact Fluorescent Light.

Includes:

1 x 5.8m galvanised steel pole with in-built 120 watt solar panel, 150Ah deep cycle lead acid battery (charged by solar panel) & dual 15 watt compact fluorescent light.

Part No.

VSSOLARPOLE5.8M

Solar Pole with Wireless Access Point (802.11G)

Designed to integrate with an existing WLAN. Sends high quality real-time encrypted digitised video and audio using an outdoor WAP.

- Connect any type of IP device such as camera or network server
- Analogue video signal cameras can also be connected utilising a optional web server.

Includes:

1 x 2.4GHz outdoor weatherproof wireless access point (802.11G)
1 x Solar Pole (as above model - VSSOLARPOLE5.8M)

Part No.

VSSOLARPOLE5.8MW

Solar Pole with Wireless Next G Modem

Facilitates remote installation of IP based equipment. Suitable for IP cameras & network servers. Transmits over the Telstra Next G mobile network. Allows you to remotely access your equipment from virtually anywhere. Ideal for remote location, rapid deployment applications and event security.

- Connect any type of IP device such as camera or network server
- Analogue video signal cameras can also be connected utilising a optional web server.

Includes:

1 x Wireless Next G modem / router
1 x Solar Pole (as above model - VSSOLARPOLE5.8M)

-- Telstra Next G access plans available separately

Part No.

VSSOLARPOLE5.8MNG

Solar Pole For Point to Point Digital CCTV Transmission with Pan/Tilt/Zoom Control

Designed to send high quality real-time encrypted digitised video and audio up to 5km (LOS). Connect to composite video input on any DVR, supports RS485 & RS232 transmission (including PTZ) as well as alarm inputs & outputs

- Connect any analogue CCTV camera
- Can be used for bi-directional audio interface enabling support of gate access phones, public address systems etc.

Includes:

2 x 2.4GHz digitally encrypted wireless video transceivers with PTZ control,
1 x Solar Pole (as above model - VSSOLARPOLE5.8M)

Part No.

VSSOLARPOLE5.8MA



Alarms & Surveillance Products



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'RETAIL READY' PACKAGED SURVEILLANCE SYSTEMS



- **SHOPLIFTING**
- **EMPLOYEE THEFT**
- **VANDALISM**
- **CRIMINAL ACTIVITY**
- **HARRASSMENT**
- **INSURANCE FRAUD**
- **PROBLEMS AT HOME**
- **CUSTOMER DISPUTES**



Monitor Not Included

Complete 4 Channel Watchguard H.264 DVR and Camera Kit with 160GB HDD

This high resolution surveillance package is ideal for a home or small business wanting to set up a digital surveillance system with network and remote access. The kit features H.264 Video Compression Technology, real time live display, recording rates of 704x576 (25fps), 704x288 (50fps), 352x288 (100fps), USB and Network backup functions as well as 4 x 10M IR Cameras with a resolution of 480TVL. The system includes a 250GB HDD.

Package Includes



4 x Day / Night Weatherproof Colour Cameras

This is an outdoor camera with 10M IR range. It has 14 in-built IR LEDs, giving the camera high visibility and clarity in both day and night applications. The weatherproof outdoor housing is Standards Approved, rated IP67, and is very easy to install.

Image Sensor	1/3" Colour CCD image sensor
Horizontal Resolution	480 TVL
Lens	f3.6mm@F2.0
Minimum Illumination	0.3 Lux@F2.0, 0 Lux (IR on)
Power	12VDC
Dimensions	116.13(L) x 60(W) x 79.58(H)mm



1 x 4 Channel H.264 Digital Video Recorder

- Advanced H.264 video compression
- Recording rates: 704 x 576 (25fps), 704 x 288 (50fps), 352 x 288 (100fps)
- 160GB hard drive
- VGA & Composite Video BNC out
- Easy to operate - just like a VCR
- IR remote
- Can be connected to a PC for remote viewing
- Real time live display
- USB / network backup

Video Compression Format	H.264
Recording Resolutions	704 x 576, 704x288, 352x288
Max. Recording Frame Rate	100FPS Global
Max. Display Frame Rate	100FPS 'Real - Time Display'
Backup Methods	Network Remote & USB Backup.
Hard Drive Bays	1 x SATA HDD (1TB Capacity)
Network Functionality	Live Monitoring, Remote Playback, File Backup, Remote Configuration



4 x Camera Connection Cables

- Pre-terminated combined DC power & video (2 x 10m, 1x 20m, 1x 30m)



1 x Monitor Connection Cable

- Allows you to connect the BNC monitor output from the DVR to the RCA video input on your TV / VCR



2 x Switch Mode Low Voltage Power Supplies

- 1 x 3Amp 12VDC supply for use with the power split cable to power all cameras
- 1 x 2Amp 19VDC power supply for use with the DVR
- Advanced switch mode technology



1 x Power Split Cable

- Allows you to connect all 4 cameras to 1 power supply



1 x Network Cable (Optional Use)

- Allows you to connect the LAN port on the DVR to your PC or network to facilitate remote viewing or backup functions

Part No.
DVR4ENTPACK3



2 Camera B/W Video Surveillance System with 5.5" Monitor & 2 Dummy Cameras

This surveillance system allows you to monitor your home or business with high quality black and white images and sound. The system includes a 5.5" B/W monitor, 2 B/W surveillance cameras and 2 dummy cameras. The built-in infrared LEDs enable it to monitor at night time or in low light conditions. The auto-switch function automatically alternates between the two camera views with an adjustable timer.

- Easy installation
- Black & white cameras
- Infra-red LEDs allow monitoring at night or low light condition
- Automatically switches view between cameras
- Built in microphone and speaker

Part No.
DIYCAM2B



Wireless Weatherproof Video Surveillance Camera with Portable 2.5" Colour LCD Monitor

This package provides ultimate flexibility, featuring a wireless weatherproof day / night video camera and a portable 2.5" colour LCD monitor, it allows you to monitor the camera from up to 100m with the added feature of monitor portability.

- Weatherproof 2.4GHz colour day / night camera with 8 x infrared LEDs
- Built-in microphone for audio monitoring
- 2.5" colour LCD monitor with in-built receiver & speaker
- Long operation range up to 100m in open area
- Includes AC power adaptors for continuous operation
- Monitor can be optionally powered by 4 x AAA batteries for short term portable use (batteries not included)

Part No.
VSCCOIR



Wireless Solar Powered Surveillance Camera with Movement Sensor

This revolutionary wireless solar surveillance system provides unequalled ease of installation and use. The colour surveillance camera with audio microphone is powered by a battery that is charged automatically from the in-built solar panel. The camera can be mounted directly to your wall in a sunny position, with no cabling required at all. When body movement is detected by the in-built PIR sensor, the camera transmits the video & audio signals to the supplied AV receiver inside your home or business.

- Solar powered colour camera with motion alarm activation
- Receiver simply connects to an AV input on your TV / VCR
- Can be installed in full-sun or semi-shade position
- Audible buzzer alerts you when movement is detected
- Durable weatherproof design for outdoor use
- Tilt and swivel adjustment of PIR / camera
- Long distance operation range up to 100m (line of sight)

Part No.
VSWSC



Wireless Black and White Video Surveillance System

This package contains all you need to provide your home or business with affordable safety and protection. It contains 2 x black & white wireless surveillance cameras with audio and inbuilt infrared LEDs for night vision, 1 x 5.5" black & white wireless monitor and 3 x low voltage power adapters. The Watchguard 2BWIR is easy to install utilising wireless technology, simply mount the cameras and monitor then plug in the power supplies and your surveillance system is ready to use.

- 5.5" black & white with inbuilt receiver & speakers
- Has an AV output for optional connection to your TV/VCR
- Can automatically switch view between both cameras
- 2 wireless black & white, with swivel mount bracket
- Infrared LEDs for short range night vision

Part No.
2BWIR



**Includes optional camera mounting bracket*

Wireless Micro Camera Video Surveillance System

This package includes an easy to install micro size wireless colour camera with a pinhole lens and in-built audio microphone. It is ideal for hidden surveillance applications. The audio / video (AV) receiver simply connects to your TV / VCR to view and record the camera signal. The camera can be powered either by the included mains power adaptor or by a 9 Volt battery for short-term, completely wireless video transmission.

- Pinhole camera lens for hidden video surveillance
- Receiver simply connects to an AV input on your TV / VCR
- Inbuilt microphone for combined audio monitoring
- Includes AC power adaptor for continuous camera operation plus a 9 Volt battery for optional short-term completely wireless 'Place and View' camera transmission
- Long distance operation range up to 100m (line of sight)

Part No.
VSMCAM

REPLICA (DUMMY) SECURITY PRODUCTS



Professional Outdoor Replica CCTV Camera With Weatherproof Housing

This realistic looking replica CCTV camera acts as a deterrent to would be criminals. It has a weatherproof outdoor housing and the dummy camera has a red flashing LED. The kit comes with two high-visibility warning stickers, and includes all necessary hardware. No cables are required for operation, making installation very easy.

Part No.
VSCD420F



Professional Indoor Replica CCTV Camera

- True professional appearance
- Stylish design
- Dummy camera with replica auto iris lens
- 2 x high visibility warning stickers
- Installation hardware included
- No wiring needed
- Camera includes flashing red LED (optional use. Requires 2 x AAA batteries)
- Wall mounting bracket with tilt / swivel adjustment

Part No.
VSCDFF



Professional Indoor/Outdoor Replica Infrared CCTV Camera

- True professional appearance
- Stylish design
- Modelled on popular day/night weather proof cameras now commonly used in the CCTV industry
- Camera includes flashing red LED - (optional use. Requires 2 x AA batteries)
- 2 x high visibility warning stickers
- Installation hardware included
- No wiring needed
- Wall mounting bracket with tilt / swivel adjustment

Part No.
VSCD50F



Professional Indoor Replica CCTV Dome Camera

- True professional appearance
- Dummy dome camera with lens
- 2 x high visibility warning stickers
- Installation hardware included
- No wiring needed
- Camera includes flashing red LED (optional use. Requires 2 x AA batteries)

Part No.
VSCDDF



Dummy Home Alarm Kit

Imitation home alarm kit
Realistic appearance outdoor siren / strobe
Deters criminals
Simple installation
Supplied with UV-resistant warning labels & mounting hardware

Part No.
DUMMYHA



European Style Dummy Home Alarm Kit

European style
Imitation home alarm kit
Realistic appearance outdoor siren / strobe
Deters criminals
Simple installation
Supplied with UV-resistant warning labels & mounting hardware

Part No.
TSSDHA



Alarm Warning Stickers (4 pack) A4 Size

Pack contains 4 A4 sized Alarm Warning Stickers.
2 x Rear Adhesive Stickers for use on flat surfaces
2 x Front Adhesive Stickers for use on interior windows

Part No.
VSCDSA

PROFESSIONAL BACK TO BASE MONITORED WIRELESS ALARM SYSTEMS FOR HOME OR OFFICE

The Watchguard™ Digital Series is a true revolution in monitored back to base alarm systems. Utilising a compact main control unit with inbuilt communication dialer and advanced wireless component technology means installation is very simple. The wireless design allows you to expand or relocate any of the systems at anytime. They are truly "plug & secure" systems, without any complicated programming or cabling. See below and over page for full system features, operation and expansion details. Remote programming software download available.

MAIN FEATURES:

- Expandable up to 8 individual zones
- Easy to install & operate
- Around the clock 24hr protection
- Connects to existing phone line
- Automatically communicates with back to base monitoring centres
- Contact ID Protocol

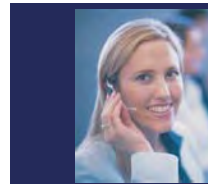
HOW THIS SYSTEM WORKS:



When smoke, intruder or help signal is detected, an alarm signal will send to the communication dialer



This is the "brain" of the system, when an alarm code is received from the Movement Sensor, Smoke Sensor or Panic Button, the communication dialer automatically connects to your monitoring centre via your phone line & transmits the detailed alarm activation data in (Contact ID Format). The in-built alarm siren will also sound, but can be disabled if used as a "Hold-up Button".



Alarm Monitoring Centre

The communication dialer connects to your monitoring centre and they will notify security, police, fire or medical services when an emergency arises. Please contact your preferred monitoring service provider to discuss their individual monitoring service plans, notification method and charges.



You will also receive notification of the alarm event: "Hello John. This is Sally from the monitoring centre. Your alarm system at 3 Main Street Springville has been activated at 11:14am by the smoke sensor in your master bedroom."



Professional Grade Back To Base Monitored Wireless Alarm System for Home or Office

The WGDIGITAL is a high-quality, anti-intruder professional grade monitored security system. Once installed, simply use the remote control button to arm the system before you leave your premises. If movement is detected after the system has been armed, the communication dialer will transmit the detailed alarm activation data (Contact ID Format) via phone line to your monitoring centre for appropriate response action to be taken.

System Includes:

- 1 x Main Control Unit - Communication Dialer
- 2 x Wireless Movement Sensors - Designed to detect the body movement of an intruder inside your premises.
- 2 x Code Hopping Remote Controls - Allows you to easily arm and disarm the system or activate the panic facility from virtually anywhere around your premises.
- 1 x Power Supply & 1 x Phone Connection Lead - Contact ID Protocol

Part No.
WGDIGITAL



Professional Grade Back To Base Monitored Wireless Fire Detection System for Home or Office

The WGSMOKE is a high-quality, monitored wireless fire detection system which is quick and easy to install and operate. When smoke is detected not only will the smoke sensor's in-built siren sound, but the alarm siren built into the main control unit will also sound in unison. The communication dialer will transmit the detailed alarm activation data (Contact ID Format) via phone line to your monitoring centre for appropriate response action to be taken.

System Includes:

- 1 x Main Control Unit - Communication Dialer
- 2 x Wireless Smoke Sensors - AS/NZS 3786:1993. Designed to detect the presence of smoke inside your premises using gas ionisation technology. In-built siren & low battery warning.
- 1 x Power Supply & 1 x Phone Connection Lead - Contact ID Protocol

Part No.
WGSMOKE



Professional Grade Back To Base Monitored Wireless Emergency Duress System

The WGEDS is a system which in the case of emergency or duress is manually activated by pressing the wireless panic button to alert your monitoring centre. Once a button is pressed detailed alarm activation data in (Contact ID Format) is immediately sent via your phone line to your monitoring centre for appropriate response action to be taken. Up to 8 individual emergency buttons can be used with your Watchguard Emergency Duress System and each button can be individually identified by the monitoring centre (i.e. Grandma's button, Grandpa's button...etc).

Includes:

- 1 x Main Control Unit - Communication Dialer
- 2 x Wireless Emergency Panic Buttons - Designed with the elderly or invalid person in mind. Large rubber button. Nylon lanyard included. Splashproof. Dipswitch coding. Operating range up to 100m (line of sight)
- 1 x Power Supply & 1 x Phone Connection Lead - Contact ID Protocol

Part No.
WGEDS

WIRELESS ALARM SYSTEMS WITH 2-WAY COMMUNICATION VIA SMS MESSAGING



**Ideal for Home, Business,
Marine or Caravan!**



Watchguard SMS 2010 Alarm System

The Watchguard SMS 2010 is a true revolution in monitored home & mobile security systems. It has been designed specifically to provide simple installation and maximum protection at an affordable price. It can be used across a range of applications, including caravans, boats, building sites etc. or anywhere where a portable, self-monitored alarm is required. It is a sophisticated system, utilising the latest in GSM communication and wireless alarm technology. The Watchguard SMS 2010 communicates to your mobile via a GSM mobile phone network. A suitable SIM Card is required (not included). The SIM Card enables 2-way communication via SMS text messaging between you and your alarm.

How The System Works:

Plug & Play Setup: Security has never been so easy to install. After mounting the movement detectors in the zones to be monitored and mounting the external siren in a prominent position, simply plug the alarm module into the power pack (or connect 12VDC), turn the power key to on and you are ready to go!

Arm The Premises: Use your Remote Control to arm the Watchguard Wireless Alarm System to secure your premises. When body movement is detected in the premises, the sensors will send a message to the alarm module.

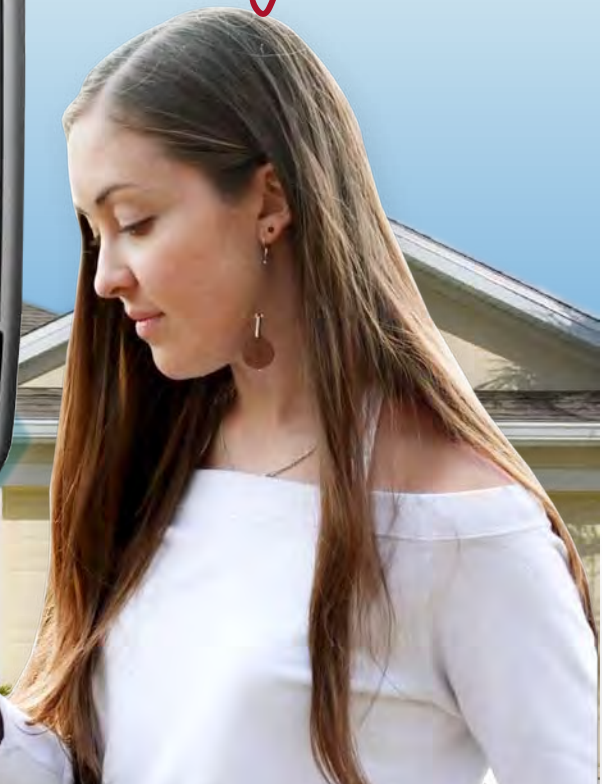
8 Zone Alarm Module with Built in GSM Modem: This is the brain of the system. When it receives the message from the Wireless Movement Sensors, it automatically sends your reported alarm to your designated mobile(s) as an SMS. The internal siren will also sound, helping repel the intruder.

Alarm Notification: The Watchguard SMS 2010 alarm module communicates to your mobile phone via GSM. When triggered, the module sends a detailed SMS of the reported alarm to your designated mobile(s). A voice message may also be sent to a landline telephone, where supported. Up to 5 people can be notified.

Package Includes:

- 1 x 8 Zone Alarm Controller Unit with built in quad band GSM modem
- 2 x Wireless PIR movement sensors
- 2 x 2 Button Code Hopping remote controls
- 1 x 12V DC Power Supply for the alarm controller unit
- 1 x Compact External Siren with Strobe

*Receive SMS Alerts
from your alarm!*



Part No.
WGSMS2010

WIRELESS ALARM SYSTEMS

**Watchguard Wireless Home or Office Alarm System**

The Watchguard alarm is a complete stand-alone security system, which is ideal for the home or business owner wanting an affordable security system without a monitoring service. It is very reliable and extremely easy to install and operate. If the alarm is triggered, both the external and internal sirens will sound to repel intruders.

- Feature packed 8 zone security system (can be expanded using the range of Watchguard wireless accessories incl. reed switches and smoke sensors)
- Easy wireless installation
- 2 x quality wireless passive infrared detectors
- 2 x high security code hopping remote controls with lithium batteries
- Emergency panic function via remote control
- Backup battery & mains power adaptor
- Powerful external siren with flashing blue strobe
- Has the same appearance as security industry standard alarm systems
- High frequency internal siren to repel intruders

Part No.
WGUARD

**Watchguard Fire & Theft - Complete Burglary & Fire Detection System for Your Home or Office**

The Watchguard Fire & Theft is a complete burglary and fire detection system suitable for your home or office. When the system detects the body movement of an intruder, or senses smoke inside your building, the alarm will activate both the internal siren as well as the external siren with flashing blue strobe. The system is very easy to use and install.

- Latest supervised wireless detector & code hopping remote technology
- Feature packed security system with simple wireless installation
- AS3786 approved wireless gas ionisation smoke sensor
- Can be expanded using the range of Watchguard wireless accessories reed switches & smoke sensors
- High frequency internal siren to repel intruders
- Professional grade, high quality components
- Emergency panic function via remote
- Backup battery & mains power adaptor
- Powerful external siren with flashing blue strobe

Part No.
WGUARDFT

**Budget Wireless Home Alarm System****Wireless Home Alarm System**

This is an Entry Level Wireless Alarm System designed for use in a residential setting where the owner is wanting a basic security system without external monitoring.

The kit can be installed in three easy steps:

1. Mount the siren in a suitable position & plug in power adaptor.
2. Mount the wireless detector.
3. Press the remote control to arm or disarm the system.

The Watchguard Sentinel includes:

- 2 x Remote controls to arm/disarm the alarm and panic function
- 1 x Wireless PIR sensor to detect movement up to 12m.
- 1 x Powerful outdoor siren and strobe to deter intruders

The system can be expanded with the range of Watchguard products, including smoke detectors, reed switches, PIR sensors and additional remotes.

Part No.
WGSENTINEL

WIRELESS ALARM ACCESSORIES



Wireless External Siren

- Wireless external siren with flashing blue strobe and backup battery
- 10m of cabling pre-terminated for 'plug & secure' installation
- Includes low voltage plugpack
- Sends tamper, low battery & supervision signals

Part No.
WSIREN



Wireless Solar Siren

- Wire-free operation
- No cable required
- In-built solar panel to charge internal battery
- 40 days of continuous operation without sunlight once charged
- Incorporates powerful 105dB/M siren & blue strobe light
- High capacity 6V 1.2 Ah sealed acid rechargeable battery
- Tough polycarbonate housing
- In-built tamper switch to activate siren in case of unauthorised removal
- Weatherproof for outdoor use

* Also available with interface transmitter for use with other alarm control panels (See WSSOL-WSUTX)

Part No.
WSSOL



40 Days
continuous operation
without sunlight

Wireless Solar Siren & Interface Transmitter

This system allows the Watchguard™ WSSOL solar siren to be used with most brands of alarm panels. The solar siren simply mounts to any external wall and the interface transmitter is connected to the siren output on your control panel. When the siren output is activated your solar siren will sound in unison and when the panel's siren output stops the cancel signal is sent to the solar siren.

- Compatible with most brands of alarm control panels
- 40 day continuous operation without sunlight once charged
- Powerful 105dB/M siren & blue strobe light
- Inbuilt solar panel to charge high capacity 6V 1.2Ah acid battery
- Tough polycarbonate weatherproof housing for outdoor use

Part No.
WSSOL-WSUTX



Wireless Supervised PIR Detector

- Dual Edge™ PIR Sensor Technology
- 12m detection range
- Compact & elegant design with swivel bracket for easy installation
- Intelligent power saving mode
- Up to 3 years life from 2 x CR2450 lithium batteries
- Selectable pulse count

Part No.
PIRW3



Wireless Supervised Reed Switch/Universal Transmitter

- Used on doors and windows
- Also has inbuilt terminals for use as universal transmitter
- Up to 5 years life from 2 x CR2450 lithium batteries

Part No.
WREEDI



Wireless Supervised Smoke Detector AS/NZS 3786:1993

- Gas Ionisation type
- Inbuilt piezo siren
- 9 volt alkaline battery
- Audible low battery warning

Part No.
SMODETW



Wireless Supervised PIR Detector (Outdoor)

- Fully sealed UV resistant housing for outdoor use
- 4 selectable coverage patterns (wide angle 10m, curtain 10m, long range 20m & vertical curtain 3m)
- 9 volt alkaline battery provides approx. 1 year life
- Communicates alarm, low battery & supervision signals
- Works with all of our Universal Receivers & Alarms
- High quality TAKEX sensor
- Made in Japan

Part No.
PIRWOD



Wireless Mini Numeric Keypad White

- Allows arm / disarm, home mode & panic functions
- Backlit rubber buttons
- Only 45 x 55 mm
- Code Hopping Technology
- Wall mount or portable
- Selectable 4 digit PIN number

Part No.
WKP



Large Wireless Numeric Keypad

- Large conventional size wall mountable keypad with flipdown front cover
- Allows arming & disarming of your system via PIN number
- 9 volt battery powered
- User programmable 4-digit PIN code
- Low battery indicator
- Back lit keys for night time illumination
- Weatherproof for indoor or outdoor use (under cover)
- For use on WGDIGITAL only

Part No.
WKPL



Personal Emergency/Panic Pendant

- Two internal switches meets new standard compliance for hold up buttons
- Designed with the elderly or invalid person in mind
- Large easy push rubber button
- Nylon lanyard included allows it to be worn safely around the neck
- Splashproof design
- Dipswitch coding

Part No.
WPANIC



Wireless Emergency Duress "Mushroom" Button

- Large industrial grade switch
- Inbuilt fixed code transmitter
- LED indicators for activation and low battery
- Optional external power supply

Part No.
MBTX

UNIVERSAL TRANSMITTERS & RECEIVERS



2 Channel Transmitter / Receiver Set - 433.92 MHz

This product is designed to be simple and easy to use. It has simple wiring connections and can be used in a variety of applications. Primarily, this product can be used to remote control your car, garage door, home alarm system, or your electric gate. The number of items to which you can interface is almost endless. The unit is supplied with 2, dual button remote controls which have an operating range of approximately 100 metres (line of sight subject to environmental conditions). The remote controls for this unit operate using code hopping technology. This is otherwise known as anti code grabbing or anti scanning type. This leading-edge technology prevents unauthorised copying of your remote control. This technology sends a unique and different code each time any of the remote control buttons are pressed.

- 1 second (momentary) negative outputs for each channel
- Separate latched negative output for channel 1
- Flashing 12V LED output for channel 1, i.e.- flashes when the button is pressed, stops when it is pressed again
- Can store up to 15 remote controls in total
- Up to 100m radio frequency range (line of sight)

Suitable for use with:

Electric garages / gates	Vehicle central locking
Home security systems	To replace your old, large & low security remotes

Part No.
RCX



Universal Transmitter / Receiver Set for Alarm Control Panels - 433.92 MHz

This 8 Channel wireless narrow-band UHF 433.92MHz receiver / transmitter set will allow you to add remote on/off and panic functions to your alarm panel. It will also allow you to add up to 4 wireless sensors to your existing hardwired alarm panel. The unit is supplied with 2 x remote controls which have an operating range of approximately 100 metres (line of sight - subject to environmental conditions).

- Code hopping remote control technology
- Remote functions include arm / disarm and panic
- Ability to quickly add or erase detectors from your system
- 4 wireless DETECTOR zones available
- Wireless detector supervision output
- Low battery warning output
- Detector tamper warning output
- Intelligent detector learning program to prevent accidental code duplication
- Memory recall function to identify individual detectors ending low battery or tamper codes
- Wireless detectors available include PIR's, reed switches, smoke sensors and panic buttons

Suitable for use with WIRELESS:

PIR Movement Detectors	Magnetic reed switches
Panic / duress buttons	Smoke sensors

Part No.
KISSRX



4 Channel Multi-Function Receiver / Transmitter Set - 433.92 MHz

The RXPROR4 is an advanced multi-purpose 4-channel narrow-band UHF receiver / transmitter set with fully programmable relay outputs (1 amp rating). It is supplied as standard with 2 x code hopping, 4 button remote controls with long life lithium batteries. It can be used to add Watchguard wireless alarm accessories to virtually any alarm panel or device.

- Up to 200m radio frequency range (line of sight)
- All outputs are individually programmable to suit almost any application (momentary, latched, timed or pulsed)
- Up to 5 high security code hopping remotes (anti-scan, anti-code grabbing) can be used
- Power supply requirement: 12VDC @ 500mA
- Compatible with Watchguard wireless alarm detectors
- Up to 4 wireless detectors can be used
- Supports detector low battery, supervision & tamper signal outputs
- Step by step programming via remote control & indication via feature and channel LED's

Suitable for use with:

Add wireless alarm sensors to any device

Most devices that allow remote on / off operation

To replace your old, large & low security remotes

Electric garages / gates

Home security systems

Part No.
RXPROR4

WIRELESS MINI ALARMS



Personal Alarm - 130dB loud siren

This personal alarm, also known as a personal attack or duress alarm, offers you basic protection and peace of mind. Our 130dB personal alarm is designed to draw attention to any crisis. The alarm is activated when the alarm pin is removed from the alarm body. The alarm is compact enough to fit in your pocket or handbag.

- Pull wrist cord to activate
- 130dB loud siren
- Light weight

Part No.
WGPA



Standalone Wireless Motion Sensor Alarm

Standalone wireless motion sensor alarm, ideal for home, garage or caravan. Can be activated or deactivated by a radio remote control from up to 30m away. Sits on any surface, with no mounting required

- 130dB ultra-loud alarm
- PIR sensor detects motion up to 7m
- Can be mounted on walls or simply placed on any flat surface
- Includes swivel mounting bracket
- Radio remote control activates & deactivates the alarm at a range of up to 30m
- Battery operated via 2 x Alkaline AA batteries (not included)

Part No.
WGWMSA

Ideal for the elderly, as an emergency button or for general security.

Calls up to 3 people when the button on the remote control or main unit is pressed

Wireless Help/Panic Alarm With Automatic Phone Dialer

This Help/Panic alarm with telephone dialer and RF key fob allows you to record a 10 second help message and store 3 prefixed telephone numbers of your choice. When the button on the main unit or remote is pressed it will dial the 3 preset telephone numbers. When the receiver answers the phone they will hear the recorded message and can take appropriate action. In addition, they have the option to open a two-way hands free conversation between the caller and the receiver. You can have up to 3 remotes and each one can be used up to a distance of 50m from the main unit.

Features:

- Auto dialer, up to 3 programmable telephone numbers with a maximum of 16 digits each.
- Record a personal 10 second message
- Message playback
- Main unit is powered using the included AC adaptor. Input 110~240VAC, output regulated 6V DC
- Low battery indicator
- Detection Area: Max 50m long, LoS
- Easy to program
- Two-way hands free voice communication
- Use Radio 433.92MHz AM Super heterodyne receiver

Part No.
WGWHAD

HARDWIRED ALARM SYSTEM



Watchguard SMS8KITHW Complete Hardwired Alarm Kit with Telephone Dialer & SMS Messaging Function - Professional Grade

Provides personal security monitoring via your mobile phone using SMS messaging or optional high security 24 hour back-to-base monitoring. The SMS8 is a complete hardwired alarm system for your home or office including 3 high quality PIR movement sensors and 4 reed switches for your doors or windows. It is easy to program and can communicate alarm conditions with up to 2 people via their mobile phones. It is also possible to connect to a back-to-base monitoring service provider of your choice for a higher level of protection. Communication is sent using the industry standard Contact ID communication protocol.

Please note: a SIM card is NOT required - SMS messages are sent via your landline. The SMS messaging function can be disabled if desired so as to operate as a regular 'dialer' alarm control panel only. All programming is done via a simple menu driven system, with large easy to read characters on an LCD keypad. The keypad is backlit for easy viewing at night.

The panel has been specifically designed in Australia to meet the requirements of the average home or office, and to be easily installed by either a trade professional or electronics handyman.

- Features:
- 8 hardwired zones
 - Simple LCD menu driven programming
 - One button 'Quick Arming, plus 'Home Arming' for arming only certain areas - ie. at night you can have the sensors in your living areas armed, but those in your bedrooms disarmed
 - Panic, medical and fire emergency buttons
 - Key-switch input
 - On board modem with contact ID protocol for optional back-to-base monitoring
 - Supports SMS text messaging of alarm information to two separate mobile phone numbers
 - Telephone line fault monitoring
 - Optional wireless receiver (Model No: SMS8RX) allows full remote control operation with a simple 2 wire serial interface connection, PLUS the use of up to 8 Watchguard wireless alarm detectors.

- * Mobile Phone NOT Included
- * Monitoring charges are NOT included in the price of this package

Also available with just panel & keypad, see below (Model no: SMS8) for details

1 x SMS8 Alarm Control Panel with LCD Keypad	1 x Outside Siren / Strobe	1 x Indoor "Top Hat" Piezo Siren	3 x High Quality PIR Sensors	4 x Surface Reed Switches for Doors or Windows	1 x Emergency Panic Button	1 x 7Ah Sealed Lead Acid Backup Battery 1 x 16VAC Power Supply 1 x 100m of 4 Core Alarm Cable

Part No.
SMS8KITHW



8 Zone Alarm Panel & LCD Keypad with Telephone Dialer & SMS Messaging Function - Professional

- 8 hardwired zones
- Simple LCD menu driven programming
- One button 'Quick Arming, plus 'Home Arming' for arming only certain areas
- Panic, medical and fire emergency buttons
- Key-switch input
- On board modem with contact ID protocol for optional back-to-base monitoring
- Supports SMS text messaging of alarm information to two separate mobile phone numbers
- Telephone line fault monitoring
- No SIM card required (uses STD Landline)

Part No.
SMS8

HARDWIRED ALARM ACCESSORIES



SMS8RX Wireless Receiver for SMS8 Alarm Panel

The SMS8RX is a state-of-the-art narrow band wireless receiver, designed to operate with the SMS8 control panel. It has been specifically designed to enable easy installation with a simple 2-wire interface connection and is supplied complete with 2 high security code hopping remote controls. Remote functions include arm, disarm, home mode and panic. It features intelligent wireless detector learning allowing you to quickly add or erase up to 8 detectors from your system including PIRs, reed switches, smoke sensors and panic buttons. Low battery and detector supervision are also on board.

- Code Hopping remote control technology
- Remote functions include arm/ disarm, home arm & panic
- Ability to quickly add or erase detectors from your system
- 8 wireless detector zones available
- Wireless detector supervision
- Low battery warning
- Detector tamper warning
- Intelligent detector learning program to prevent accidental code duplication
- Memory recall function to identify individual sending low battery or tamper codes
- Wireless detectors available included PIRs, internal or external
- Reed switches & smoke sensors
- Compatible with all Watchguard wireless accessories

With
Easy Wire
Serial Interface

Part No.

SMS8RX



GSM Backup Module For Intruder Alarm Systems

In case your landline is sabotaged or is out of service, this GSM back-up device enables your security system to communicate with your monitoring centre via the mobile phone network. It utilises a high quality GSM modem and is capable of sending (independently to your panel) its own periodic phone test, phone line failure or low battery message to 4 different receiver station phone numbers, via Contact ID protocol using the GSM network. Both pulse and DTMF dialing are supported and as the unit draws less than 100mA, it can be easily powered directly from your alarm panels 12VDC power supply.

- Backup phone line function: In case of the failure of your PSTN Line, the system simulates a virtual PSTN line over the GSM mobile network.
- Supplied with stand off mounts to allow easy installation inside standard alarm panel boxes.
- Default factory setting: If the connected PSTN landline is available, all calls will be made through the PSTN line. If the PSTN line ever fails, all calls will then be made via the GSM Network
- The unit is capable of sending (independently to your panel) its own periodic phone test, phone line failure or low battery message to 4 different receiver station phone numbers via contact ID protocol using the GSM network (Optional Use)
- Easy to comprehend LED status indicator for both GSM & PSTN landline
- GSM antenna supplied includes magnetic base for simple mounting to alarm control panel boxes
- 4 SMS controllable outputs allow additional functions such as remote arming, light control etc

Part No.

GSMBU-PRO

Want to Receive **DETAILED SMS**
Alert Messages without having to pay for
back to base monitoring?



Allows any panel with a
Contact ID format dialer to
send SMS messages

Contact ID to GSM SMS Message Text Converter

This is an add-on board that connects to your existing control panel, to convert Contact ID to SMS. It is designed for people who wish to have personal monitoring of their security control panels. This board simply connects onto the existing alarm panels communications port, the 12V supply output and onto the telephone line.

- Allows any panel with a Contact ID format dialer to send SMS messages
- Connects to standard telephone line
- Easy to install
- No SIM card required
- Maximum 16 alarm zones

Part No.

SMSIB

Universal Passive Infrared Movement Sensor

This advanced PIR body heat movement sensor is suitable for indoor use with any alarm control panel. It can detect movement up to 12m away at an angle of 110 degrees from the sensor. The detector features automatic temperature compensation to improve performance when the ambient heat level in a room changes. The adjustable pulse count function enables you to select either normal or reduced detection sensitivity levels for use in harsh environments.

- High quality dual element PIR sensor
- Micro processor controlled
- Auto temperature compensation
- Adjustable pulse count (sensitivity)
- Selectable N.O. or N.C. alarm outputs
- Selectable detection LED indicator ON / OFF
- N.C. case tamper switch



Part No.

PIRHW



Universal Movement Sensor With Triple Technology

This advanced indoor movement sensor can be used with any alarm control panel and incorporates 3 detection technologies designed to prevent false alarms. It is particularly suited for use in harsh environments where using a standard PIR may result in false alarms caused by rapid changes in heat, light levels or from other environmental factors. This triple technology detector requires both the PIR and microwave sensors to both simultaneously detect an intruder (using software signal analysis) before activating the alarm output. Detection range is approx. 12 metres.

- High quality quad element PIR sensor
- Adjustable microwave sensor with auto temperature compensation
- PIR look - down zone
- Selectable N.O. or N.C. alarm outputs
- 3 indicator LED's Green PIR, Yellow MWAVE, Red ALARM
- Selectable detection LED indicator ON / OFF
- N.C. Case tamper switch

Part No.
PIRHWTT



Model No:
PIRLHLB

Large Mounting Bracket For PIR Detectors

Suitable for use with:

- PIRHW
- PIRHWTT



Model No:
PIRLHSB

Small Mounting Bracket For PIR Detectors

Suitable for use with:

- PIRHW
- PIRHWTT

Part No.
PIRLHLB
PIRLHSB



Photoelectric Hardwired Smoke Detector

- Sensor Type: Infrared Photoelectric Diode
- Dust and insect proof
- Detection Range 20m Sq
- 12V DC

Part No.
SMODET15P



Compact External Siren With Strobe

European style external siren with integral blue strobe light, piezo siren and tamper switch

Part No.
W24SIREN



Complete Outdoor Siren - Full Assembled AC/DC Siren, Strobe & Tamper Switch

This product has been specifically designed to save alarm installers time and money. It combines a dual power AC/DC high powered siren, high visibility blue strobe light and tamper switch. It is housed in a moisture and UV resistant attractive industry standard external casing and all cabling is pre terminated.

- Suits all alarm control panels
- No assembly required, saves time & money on installation
- Highly durable, moisture & UV resistant external housing
- Pre-terminated wiring
- High visibility blue strobe
- High powered dual AC & DC Siren
- Tamper Switch
- Includes rear protective cover

Part No.
COS

Fully Assembled AC / DC Siren, Strobe & Tamper Switch



Piezo Siren

Repel an intruder from your home by installing this high frequency, super loud siren.

- Connect to the Negative On Alarm output on your alarm system
- Dimensions: 85(W) x 89(D) x 41(H) mm

Part No.
DPS



Flush Mounted Internal Siren

- Emits a high frequency oscillating siren intolerable to the human ear
- Low profile design to mount flush with ceiling
- Repel intruders from your home

Part No.
DPSF



Reflex Horn Speaker

- High powered
- For use with most alarm control panels
- Includes mounting base
- Alerts occupants and neighbours of intruders

Part No.
DRHS



Single Tone Siren

- 12V DC
- 115dB single tone siren
- Mainly used with control panels with no internal siren driver

Part No.
S42



Flashing Blue Strobe Light

- Low profile blue strobe light
- Designed for use with external sirens
- Continuous rated xenon tube

Part No.
DSBM



High Impact Plastic External Siren Cover

This External Siren Cover has been developed and designed as a replacement for old or damaged siren covers.

Main Features:

- Highly Durable.
- Moisture and UV resistant.
- Designed in Australia.

Part No.
DPSCY



On/Off Key Switch

An On/Off keyswitch with 2 keys used for various applications.

2 positions, single pole, single throw changeover switch.

Part No.
2POS SPST



Concealed Reed Switch

- Perfect for mounting in the tops of doors or hidden areas

- Easy "push-in" installation
- Compact design
- Dimensions(mm): 32(L) x 11(Dia.)
- White

Part No.
DCRW



Roller Shutter Reed Switch

- Strong heavy duty cast housing
- Termination contacts via a stainless steel flexible conduit
- N/C contacts

Part No.
DRSR



Large Surface Mount Reed Switch

- Surface mounted reed switch
- Industry standard
- N/C contact with solder terminals
- Dimensions(mm) Reed: 90(W) x 13(H) x 12(D)
- Magnet: 90(W) x 13(H) x 12(D)
- White

Part No.
DSRHDW



Mini Surface Mount Reed Switch

- Compact design surface mount
- Industry standard
- N/C contacts
- Dimensions (mm): Reed - 63(W) x 12(H) x 20(D)
- Magnet - 63(W) x 12(H) x 11(D)
- White

Part No.
DSRLW



Emergency Button Switch

- When pressed will instantly trigger the alarm
- N/C & N/O contacts
- Slimline design
- Dimensions(mm): 23(W) x 76(H) x 15(D)

Part No.
DEBS



12V 15A Universal Switching Relay

This is a 12V 15A Contact Rated Universal Switching Relay. The relay is contact closed when power is applied.

Part No.
REL01LOOM

FIRE SAFETY PRODUCTS



Vinyl Pouch Fire Blanket

-Approved to Australian Standard AS3504 and Standards Mark

- Ideal for use on cooking oil and stove top fires
- A compact and easy to use household fire blanket
- Essential for kitchens, where 2 out of 3 home fires start
- Manufactured from 100% Woven Glass Fibre
- Handy Vinyl Pouch allows wall hanging
- Release tapes act as handles when blanket is unfolded
- 1.8m blanket is large enough to use on human body to extinguish fires

Available in
- 1.8m x 1.8m
- 1.0m x 1.0m



Part No.
WGFB1.8VP
WGFB1.0VP



Photoelectric Smoke Alarm

Photoelectric Smoke Alarms consist of a light emitting diode and a light sensitive sensor. The presence of suspended smoke particles in the chamber scatters the light, which is detected, setting off the alarm. Photoelectric technology is superior to ionisation technology in detecting the visible smoke produced by smouldering fires, which most commonly occur in homes.

- Latest Photoelectric Technology
- Built-in test button
- Battery missing indicator
- Non-radioactive technology
- Extra loud alarm (sound over 85dB)
- Easy installation (wall mount, bracket and screws included)
- Low battery warning
- 9V battery included



Part No.
WG1SMKP



Ionisation Smoke Alarm Twin Pack

Ionisation alarms detect the presence of large quantities of very small particles entering the ionisation chamber, when in sufficient quantity will cause an alarm to sound. Sufficient quantities of particles are generally only produced by flaming fires or from very hot surfaces. Ionisation alarms are more responsive to fires that start as, or quickly escalate into a flaming stage.

- Ionisation Sensor - sense visible or invisible particles of smoke at the earliest stage
- Easy installation (wall mount bracket and screws included)
- Extra loud alarm (sound over 85dB)
- Built-in test button (functional testing)
- Low battery warning
- 9V batteries included



Part No.
WG2SMKI

ELECTRONIC ARTICLE SURVEILLANCE (EAS)

EAS labels & tags are used as anti-theft devices. The tag or label is used with a doorway reader to detect if an item is being removed without authorisation. EAS systems are used mainly in retail stores, data centres, and libraries. When applied to items, the EAS tag / label is capable of activating an audible alarm as it passes through the doorway detector. Because of the anti-theft protection they provide, EAS systems allow more freedom for retail stores to display items that would usually be locked in display cases. This allows the consumer to examine the product more closely before purchasing.



Doorway Readers

Locate the doorway reader at the front entrance of the shop or the cashiers in supermarket. Any product that has an EAS tag attached, must be presented to the cashier to deactivate the code; if the EAS tag hasn't been deactivated, when passing through the doorway reader, the alarm will sound, in order to notify staff members.

- 1.2m operational width
- Multiple units can be connected to cover wider entry / exit points
- High sensitivity, low false alarm rate
- Anti disturbance from metal trolleys and touch
- Uses advanced DSP microchip data processing, to speed up scanning of EAS tags
- Two alarm tones -- quick and slow
- Three alarm volumes -- high, medium and low

Bandwidth	7.7-8.7MHz
Scan Frequency	162, 171, 180, 189Hz (also available in 8.2MHz, 10.5MHz)
Signal sampling rate	21.8us
Operating Range	Soft label 1.2m / Hard tag 1.5m
Alarm Volume	High, Medium, Low
Alarm tone	Quick, Slow
Dimensions	1650 x 340 x 85 mm

Part No.

RFTMAIN1R
RFTMAIN2R



8MHz RF Hard Tag

The RFT hard tag with chrome pin is commonly used in fashion retail shops. The pin is designed to allow the tag to be pinned onto the clothing without damage. To remove, simply place the tag on top of the magnetic detacher, and the pin will release.

- Frequency: 8.2MHz
- Detection range: 1.30m-1.40m

Part No.

RFTHARDTAG



Ink Tag

The ink tag provides double the security for your products. It contains a small amount of highly visible ink, if anyone tries to force the tag off, the ink will spill out. Best suited for use in the clothing industry.

Part No.

RFTINKTAG

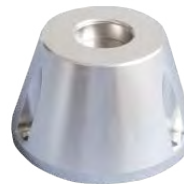


8MHz Adhesive RF Labels

These discrete disposable labels are designed to be placed directly on product packaging. Commonly used on books, electronics and cosmetic products.

Part No.

RFTLABEL



Magnetic Detacher

This magnetic detacher, simply mounts to the retail counter-top. The tags are placed on top of the detacher to safely release them.

Part No.

RFTDETACHER



ENERGY SAVING DEVICES (ENSA)

NEW



Energy Saving Master Slave 6 Way Powerboard

This Energy Saving Powerboard contains a special sensor that measures the electrical current running through the Master socket. It then automatically switches the 4 Slave sockets on or off based on the status of the Master. Eg: if your computer is plugged into the Master Socket and your printer, monitor, scanner, etc. are plugged into the Slave sockets, when your PC is turned off, the other equipment will also be switched off. This saves a significant amount of energy and also prolongs the life of your valuable equipment. Furthermore, it will minimise the risk of fire presented by appliances being always left on standby. Ideal for Computers, Audio/Visual, Workstations, Offices, etc.

This powerboard also features a circuit breaker to protect your electrical wiring and connected devices from electrical overload. This feature cuts off power if more than 2400 watts is in use. To calculate total wattage of connected appliances simply add the wattage stated on each appliance and if the total is less than 2400 Watts, you should not experience an overload problem.

Note: If continual activation of the overload switch occurs, please turn off all devices and isolate the problem source. If the problem persists either replace powerboard or seek the assistance of a licensed electrician to find the fault.

Normal Operating Voltage : 240V A.C. 50Hz 10A 2400W Maximum
Master Outlet operating range >30W, < 500W
Combination of Appliances

Part No.
WGESP6

Makes your alarm sensors 'Dual Purpose' by turning on appliances & lights automatically as well as activating your alarm!



WORLD FIRST!

Home Automation / Remote Lighting

This unique product simply replaces the standard light switch in a room. The lights can then automatically be turned on when installed along with a compatible wireless detector, remote control or by an existing alarm sensor that is easily retrofitted with a miniature transmitter. When used in auto mode, if the wireless detector senses movement, a door opening, or perhaps even smoke, the ENSA can automatically turn the lights on for a pre-determined period. By not turning on a room light unless there is activity in the room, and there is insufficient natural lighting this product saves energy. There is also a manual mode of operation, where you can turn the lights permanently on or off as per a normal light switch.

- Low cost solution to the home automation and energy saving control of lighting and other devices (i.e. fans), without the need to install any cable or expensive control boxes.
- Can be used in virtually any home or business for convenience, added security, power bill reduction and of course environmental benefits
- Can be installed in minutes by a licensed electrician without requiring any electrical cabling
- Gives a unique opportunity for the security industry to enhance the function of their alarm systems by making their detectors dual purpose.

Part No.
ENSA



WORLD FIRST!

Energy Saving Automated Wireless Power Point

This unique product simply plugs into your existing power point and allows you to control any mains powered device up to 10A (amps) via a wireless sensing device or remote control. Common applications include connecting a lamp, fan, or air-conditioner and using a radio remote control to be able to turn your appliance on/off from virtually anywhere in your home. Alternatively, you can use a wireless detector to save energy by not turning on connected devices unless there is actually human presence detected or insufficient natural lighting. You can also retro-fit our tiny transmitter to existing alarm detectors making them dual purpose.

- Connect any mains powered device up to 10amps.
- Compatible with all Watchguard wireless sensors
- Easy DIY Installation
- Inbuilt adjustable daylight sensor to allow setting of light level for activation.
- Adjustable timer to allow device to turn off automatically after a set period.
- Can be used with our radio remote controls for simple on/off operation.

Part No.
ENSAPOWERPOINT



Vehicle Security Products



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NEW Release



Rhino NEW Generation!

Rhino RAV3 Car Alarm

Australian Standards Approved Car Alarm, 3 Point Engine Immobiliser and Glass Break Sensor

PRODUCT FEATURES

Three automatic immobilisers

For maximum security fuel pump, ignition system and starter motor immobiliser cuts (where possible) are made so the car cannot be started unless it is disarmed via the remote. The system will immobilise 40 seconds after the ignition is turned off or when the alarm is armed.

Intelligent glass break sensor

Detects the sound frequency of breaking glass. It will only trigger the alarm if the shock sensor also picks up an impact. This reduces false alarms.

Intelligent dual stage shock sensor

It gives a warning on a light impact and a full alarm on a heavy impact to the vehicle. It can distinguish between environmental shocks such as trucks or aircraft and a thief attempting to break in. It will auto adjust its sensitivity for the environment on arming.

Data battery back-up siren

A self powered siren that communicates independently with the alarm so it cannot be fooled into turning off like normal battery back-up sirens.

Door, bonnet and boot protection

If the alarm is armed and a door, bonnet or boot is opened the alarm will sound.

Central locking from the remote

The alarm will lock/unlock the doors when the alarm is armed/disarmed.

Two rolling code 4 button waterproof remotes

(If you are not using your car's factory key to operate the alarm).

Turbo timer functions

The RAV3 is designed specifically to work with turbo vehicles. It has two turbo timer options to choose from.

On-board turbo timer – no need to fit an external unit - using the on-board turbo timer is the most secure way to have a turbo timer. The alarm is armed as usual but the car will continue to run for the preset run time of 1, 2 or 4 minutes. If the alarm is triggered during this time the car will shut down and the alarm will sound. It can also be turned off prior to the preset run time via the remote.

Turbo timer interface - link the alarm up with your existing external turbo timer so your car will continue to run on the external turbo timer after the alarm is armed as usual. If the alarm is triggered during this time the car will shut down and the alarm will sound.

NEW Control the alarm with your vehicle's factory key

If your vehicle has a factory key that locks/unlocks the doors your RAV3 alarm may be able to interface with it so the alarm arms/disarms at the same time. Boot release will also work from the factory key (and if the alarm is armed it will disarm). This feature will work with most factory keys.

NEW Courier function

Courier function allows the engine to continue running indefinitely while the system is armed. If the alarm is triggered during this time the car will shut down and the alarm will sound.

Compatible with all Rhino car alarm accessories and sensors

Three year warranty

Also available in a 24-volt version

CAR ALARMS & ENGINE IMMOBILISERS



Remote Controlled Car Alarm With Engine Immobiliser

The Rhino GA is a compact All-In-One design car alarm with doors, boot and bonnet protection and a single engine immobilisation circuit. It also features central locking outputs for remote keyless entry connection and visual arm / disarm confirmation via your indicators.

- 2 x compact size remote controls
- Engine immobiliser via external relay (included)
- Can protect doors, boot and bonnet
- 2 stage (Pre Warning) car body impact sensor
- Alarm trigger memory
- Can connect to central locking for remote keyless entry

Part No.
GA



GTS 12 Volt Backup Battery Car Alarm With 2 Point Immobiliser

The Rhino GTS is a highly featured mid-level car alarm and engine immobiliser. It features code hopping remote technology, a full size backup battery siren and numerous programmable features. The two onboard engine immobilisation relays can be used to cut both your starter motor and fuel pump.

- Backup battery siren
- 2 x Code Hopping remote controls
- 2 stage car body impact sensor
- 2 point engine immobilisation (on board relays)
- Protects doors, boot and bonnet
- Central locking relay outputs for keyless entry

24 Volt Version (Model: GTS24V) - Note: GTS24V siren is non battery backup

Part No.
GTS



Backup Battery Car Alarm and Immobiliser

The Rhino GTR is a well featured mid-level car alarm and engine immobiliser. It is a popular choice for budget minded owners looking for most standard alarm features plus connection to their existing central locking and electric boot for keyless entry. The compact size siren is easy to install in cramped engine bays.

- 2 x Compact size remote controls
- 1 point engine immobilisation (onboard)
- Can protect doors, boot and bonnet
- Car body impact sensor
- Central locking relay outputs for keyless entry
- Current (voltage drop) sensing

Part No.
GTR



Australian Standards Approved Upgrade Car Alarm and Immobiliser With Wireless Keypad

Unfortunately, large numbers of high-risk vehicles are now being stolen by thieves gaining access to the owner's car keys. With the RAKP, even if your car keys are stolen (including possibly your factory remote control) the RAKP can not be disarmed without entering your chosen PIN number. The Rhino RAKP is a variant of the RA Model and is designed primarily for use in modern high theft-risk vehicles with factory remote controls. The inclusion of our special wireless keypad prevents anyone from being able to disarm the alarm and start the vehicle unless they enter the chosen 4 digit PIN number within 20 seconds of opening one of the car doors.

- Auto-Immobiliser: The 3 onboard immobilisation circuits automatically activate 38 seconds after turning the ignition off.
- Auto Arming Alarm (Programmable): If the car ignition is switched off and a door is opened and closed, the alarm can be set to arm automatically.
- Manual Arming: You can also turn the alarm function on manually via your PIN number if you don't want to use the automatic function all the time.
- The wireless keypad uses long-life lithium batteries and has backlit keys for night time illumination.

Part No.
RAKP

THE REVOLUTION IN CAR SECURITY

RECEIVE SMS ALERT MESSAGES FROM YOUR CAR!

Car Alarm and Immobiliser With 2-Way SMS Mobile Communication via SMS Text Messaging

The Rhino Model RAM is arguably the world's most advanced car alarm system. This system enables 2-way communication between you and your vehicle via a GSM mobile phone. The RAM is a high specification, all-in-one car alarm and immobiliser, with GSM mobile phone communication via SMS Text Messaging (SIM card required).

- 2/3 Point engine immobilisation (2 Onboard Relays and Output)
- Battery backup siren
- Code Hopping remote technology
- All points of entry protection (Doors, Boot, Bonnet)
- Dedicated onboard audio discriminating glass break sensor
- 2 stage shock (impact) sensor with auto adjust
- All black wiring harness
- Negative pulse central locking outputs
- GSM low coverage warning
- 3 SMS controllable negative outputs



The RAM Can Send SMS Messages To Up To 5 Mobiles Advising:

- Alarm activation and cause
- If no response, your RAM will dial specifically programmed number(s)
- Panic / duress activation
- Car low battery warning



By Sending An SMS Message To Your Vehicle You Can:

- Acknowledge receipt of an alarm message
- Remote immobilise the engine
- Remote arm and disarm the system
- Remote unlock the doors



Part No.
RAMV2

UPGRADE CAR ALARM SYSTEMS



'Transformer' Upgrade Alarm System For Vehicles With Factory Keyless Entry

If your vehicle is fitted with a factory remote keyless entry system, and you would prefer not to have a second remote control on your keyring (because your ignition key is part of the factory remote control), then the Rhino Transformer is your system of choice. Whenever you lock and unlock your vehicle with the factory remote, your Transformer alarm will arm/disarm in turn. The Transformer is simply a variant of the RA system with identical features - except there is no need for remotes. The connection of engine immobilisation circuits (up to 3) in addition to the factory immobiliser is optional, but at least 2 must be connected to meet Australian Standards requirements.

- Australian standards approved AS/NZ 3749.1 2003
- Three point engine immobilisation (onboard relays)
- All points of entry protection (doors, boot, bonnet)
- 2 stage pre-alert car body impact sensor with ETS
- Alarm memory (allows recall of the 10 most recent alarm activations in order)
- Visual arming and disarming via indicators (optional)
- Audio discriminating glass break sensor
- Backup battery siren
- All black wiring harness

Part No.
TRANS



* Mobile phone not included

'Transformer SMS' Add-On SMS Paging System For Vehicles With An Existing Alarm

The 'Transformer SMS' adds state-of-the-art 2 way GSM mobile phone communication to your existing factory or after-market car alarm system. If you intend to rely on the existing alarm system fitted in your vehicle, this product enables you to be notified on your mobile phone if the alarm is activated. You can also connect to your existing central locking to allow you to unlock your car from your mobile in case you ever lock your keys in your car!

- Notification of factory alarm activation via SMS text message
- Receive SMS alerts when your car battery is low
- Up to 5 people can be notified upon alarm activation
- Failure to respond to an SMS alert causes the system to ring the primary user to gain maximum attention
- 3 independent negative outputs can be controlled via SMS message these may be used for remote arming or other functions such as opening electric gates, remote immobilisation, etc.
- SMS controlled central locking outputs
- GSM sim card required

Part No.
TSMS

ENGINE IMMOBILISERS



Remote Keyless Entry and Basic Immobiliser System

This product can be used to remote control your existing car central locking and electronic boot release. It has indicator flash outputs and includes a single engine immobilisation circuit. The RCXI can also be used for remote controlling your garage door, home alarm system, or your electric gate.

- Adds remote controlled functionality to existing key operated central locking
- Remote Code Hopping technology
- Operating range of approximately 80 metres
- 1 second (momentary) negative central locking outputs for each channel
- Electric boot release output
- Optional connection to flashing LED, engine immobilisation relay and indicators
- Ultra compact module; Dimensions(mm): 60(W) x 30(D) x 13(H)

Part No.
RCXI



Australian Standards Approved Remote Control 2 Point Engine Immobiliser

The Rhino RES Engine Immobiliser is an Australian Standards Approved System and features passive arming, all black wiring and 2 engine immobilisation circuits. It also has a negative on alarm output on door and ignition activation to allow an optional siren to be connected for basic alarm function.

- Australian standards approved: AS/ NZS 4601:1999
- 2 point engine immobilisation (onboard relays)
- Code Hopping remote technology (anti-scanning, anti-code grabbing)
- Auto immobilisation (passive arming)
- Visual arming and disarming confirmation via blinkers
- Negative pulse central locking outputs
- All black wiring harness
- Insurance approved

Part No.
RES4601V2



JAG 12 Volt Australian Standards Approved Remote Control 3 Point Engine Immobiliser

The Rhino JAG is our top-of-the-range Engine Immobiliser and it's recommended for all high theft-risk vehicles. It is approved to the latest Australian Standard and features 3 onboard engine immobilisation relays plus all black wiring. The additional option of utilising the Rhino wireless keypad means maximum protection for your vehicle.

- Australian standards approved: AS / NZS 4601:1999 / amdt 1:2003
- Insurance approved including specialist insurers
- Three point engine immobilisation (onboard relays)
- Code Hopping remote technology (anti-scanning, anti-code grabbing)
- Auto immobilisation (passive arming)
- Onboard central locking relay outputs
- Optional wireless keypad compatible
- Numerous programmable features plus upgradeable to full alarm system

Part No.
JAG

SIRENS



Cabin Piezo Siren - Black

Repel an intruder from the cabin of your vehicle by installing this high frequency, super loud siren under the dash.

- Connect to the Negative On Alarm output on your alarm system
- Dimensions: 85(W) x 89(D) x 41(H) mm

Part No.
DPS



Coded Backup Battery Siren - Suits RA, JAG Only

For use with Rhino RA & JAG only as these systems utilise a special data code signal to switch the siren on and off.

- Power: 12VDC
- All black wiring
- Australian standards Approved
- Dimensions: 105(W) x 110(D) x 80(H) mm

Part No.
BBSC



Mini Coded Backup Battery Siren - Suits RA & JAG Only

For use with Rhino RA & JAG only as these systems utilise a special data code signal to switch the siren on and off.

- Power: 12VDC
- All black wiring
- Australian standards approved
- Dimensions: 55(W) x 65(D) x 72(H) mm

Part No.
MINIBBSC



Universal Siren Battery Backup - Suits GTS

Universal replacement siren for most brands of car alarm. Used in Rhino GTS Car Alarm.

- Colour wiring harness
- Negative & positive trigger inputs
- Override keyswitch
- Dimensions: 105(W) x 11(D) x 80(H) mm

Part No.
SBB



Universal Mini Backup Battery Siren - Suits GTR & RSA

Universal replacement siren for most brands of car alarm. Used in Rhino GTR & RSA Car Alarms.

- Power: 12VDC
- Used in Rhino GTR & RSA car alarm
- Negative & positive trigger inputs
- Override keyswitch
- Dimensions: 55(W) x 65(D) x 72(H) mm

Part No.
MINISBB

VEHICLE ALARM ACCESSORIES



Ultrasonic Sensors For Detecting Body Movement Inside A Hardtop Vehicle

For detecting body movement inside the cabin of a hardtop vehicle. Easy to connect to most alarms via negative output trigger wire.



- Ultra compact sensors
- Frequency: 40 kHz crystal locked
- Adjustable sensitivity
- 12V DC

Part No.
UD6



Microwave Detector For Detecting Body Movement In A Soft-Top / Convertible Vehicle

For detecting body movement inside the cabin of a soft-top / convertible vehicle. Can be hidden behind non-metallic surfaces.

- Compact design
- Dual colour test LED
- Negative trigger output wire
- Adjustable sensitivity
- Dimensions: 83(W) x 80(D) x 20(H) mm

Part No.
UD5



Ultra Bright Flush-Mount 5.0mm 12V DC Flashing LED Light

Ultra bright flush-mount red flashing LED light for 'alarm armed' indication.

- 12V DC
- Diameter : 5 mm

Part No.
FL5



Digital Tilt Sensor With 3 Dimensional XYZ Axis Movement Sensing Technology

Designed to help protect your wheels / detect tow away. This device detects if your car is tilted by more than a couple of degrees. Unlike mercury switches, it does not matter if your car is parked on a slope. The sensor saves in memory the angle position of your car when your alarm is armed & monitors for any changes.

- 3 dimensional movement sensing technologies (XYZ Axis)
- Digital signal processing (DSP)
- Microprocessor to instantly & continually analyse all pitch changes
- Dimensions: 40(W) x 47(D) x 10(H) mm

Part No.
TILTSENSE2



Automatic Electric Window Lifter

Automatically closes 2 power windows when your alarm is armed (2 units required for a 4 door vehicle)

- Dimensions: 70(W) x 115(D) x 27(H) mm

Part No.
GLU400



Electric Boot Release Motor

Add convenience to your car that is not fitted with an electric (push button) type boot / hatch release.

- Compact design
- Solenoid dimensions: 70(W) x 115(D) x 27(H) mm

Part No.
DL105



Right Angle Pinswitch

Used to detect the opening of a vehicle bonnet, boot or doors.

- Cut to adjust
- Dimensions: 45(W) x 60(L) mm

Part No.
PIN410



Standard Pinswitch

Used to detect the opening of a vehicle bonnet, boot or doors.

- Cut to adjust
- Dimensions: 35(W) x 53(L) mm

Part No.
PIN409



Metal Pin Switch

Used to detect the opening of a vehicle bonnet, boot or doors.

- Adjust via screw thread
- Dimensions: 5(W) x 65(L) mm

Part No.
PINSW



Van Sliding Door Switch

For use when installing central locking on vehicles with sliding doors such as passenger & commercial vans.

- Female switch dimensions: 82(W) x 34(D) x 15(H) mm
- Male switch dimensions: 70(W) x 26(D) x 52(H) mm

Part No.
VANSW



40 Amp 5 Pin Changeover Relay

Commonly used for adding engine immobilisation circuits and connecting electric boot release motors to your system. Also used for central locking interfacing when vehicle does not have regular negative pulse inputs and your alarm / immobiliser also does not already have onboard central locking relays.

Part No.
40ARELAY



Dual Zone Microwave Detector

Can be used to give a warning to anyone coming too close to your vehicle and to trigger the alarm if there is movement inside the cabin. Can be hidden behind non-metallic surfaces.

- Compatible with most alarms
- Tri-colour test LED
- Negative trigger output wires
- Detects perimeter approach and internal movement
- Dimensions: 83(W) x 80(D) x 20(H) mm

Part No.
MDDZ

CENTRAL LOCKING KITS



Heavy Duty Central Locking Kits

Add security and convenience to your car that is not already fitted with central locking. Can be key operated or connected to any car alarm or immobiliser with central locking outputs for remote keyless entry. This high quality door central locking kit is ideal for use in both modern and older vehicles which require high torque motors for activating stiff door locking mechanisms.

Kit Includes:

- 1 x control module with negative lock / unlock pulse inputs
- 2 x 5 wire master actuator / door lock motors
- 2 x 2 wire slave actuator / door lock motors
- Full wiring harness & motor mounting hardware

* Kit Available in:
4 Door Locking Kit (Model No: CLKHD)
2 Door Locking Kit (Model No: CLKHD2D)
24Volt Version (Model No: CLKHD24V)

Part No.

CLKHD
CLKHD2D
CLKHD24V



Central Locking Kit - Cable Lock Adapter

Use this adapter kit for vehicles fitted with cable type lock actuators.

Part No.

CLKHDCABLE



Heavy Duty Central Locking Motor - 5 Wire

Individual Central Locking 5-Wire Drive Motor

Part No.

DLHD101



Heavy Duty 2-Wire Central Locking Slave Motor

Heavy Duty 2-Wire Slave Central Locking Motor

Part No.

DLHD102



'WHERE ARE THEY NOW?' VEHICLE & PERSONAL TRACKING SYSTEM

>> **Easy to Use & Install**

>> **Uses Google Maps!**

>> **Track Online "LIVE" or "View History"**



Loved One



Delivery



Employee

These devices are designed to automatically transmit GPS coordinates to your Windows PC. When used with the included Rhino Tracks™ software, you can view the location of your vehicle using online mapping services such as Google Map*

VEHICLE & PERSONAL TRACKING SYSTEMS



GPS Vehicle Tracker With 2 Way Communication & Remote Control

- GPS position tracking function via GPRS enabled SIM card (Not Included)
- Locate and track your vehicle 24hrs
- Bi-direction phone conversation function
- In-car monitoring function - via mobile phone
- Geofence park function - know if your vehicle has been moved
- SOS emergency help call function - summon help to your exact location
- Send commands via mobile phone
- Report vehicle position to your PC at variable time intervals from 5sec to 5hrs

NEW



Mini GPS/GSM Tracker with GPRS, Supports Indoor Orientation

- Showing the location map directly on any mobile without installing any software.
- With high accuracy remote location tracking device.
- With compact GPS and GSM modules.
- Transmits the SMS message of longitude, latitude and location link to cell phone.
- GSM /SMS communication or GPRS TCP/UDP connection.
- Support 850/900/1800/1900 MHz (compatible).
- 20 channels high sensitivity GPS module.
- In case of emergency, 'help' message with location will be send to all preset phone numbers.
- Geo-fencing to restrict movement to a defined radius.
- Very Low power consumption, standby time is more than 35 hours.
- Fast signal acquisition.
- Support single location reporting and continuous tracking.
- Support remote monitoring.
- Support check location by SMS and Internet.

Device size: 49 x 16 x 39mm

Part No.
RHINOTRACKS-VTA

Part No.
RHINOTRACKS-PT2

*Google Earth is the trademark of Google Inc. The download and use are subject to applicable terms and conditions of Google Inc. RhinoCo Technology is in no way affiliated or associated with Google Inc. or any of its subsidiaries

MOBILE DIGITAL VIDEO RECORDERS

Record Up To 4 Channels Plus Both The Vehicle Speed & Location

* Information below is based on MDVR-GPS model with GPS tracking included

Mobile DVR with GPS Data Overlay

This 'Black Box' Digital Video Recorder for vehicles is ideal for monitoring driver behaviour, proving deliveries have been made or providing evidence in case of an accident. You can connect up to 4 cameras if required ie. front view, rear view, driver view, passenger / cargo view. The in-built GPS receiver overlays recorded footage with the GPS location, speed, date, time and direction of travel. Optional sensor connections include brake on/off, indicators on/off, door open, reverse gear selected plus multiple alarm sensor inputs. Recorded footage is stored on a removable hard drive and can also be backed up via a USB connection.

- High quality images, long recording time and easy event searching
- Automatic digital recording when vehicle's ignition is on
- 25 FPS Global Record Rate
- 2.5inch hard disk (up to 160GB)
- MPEG4 and JPEG codec support
- Brake, reverse, right turn, door open sensors

* Hard Drive Not Included



* Tracking using optional GPRS module, see below for details

Part No.

MDVR
MDVR-GPS



MDVR-GPS Shock-resistant Security Housing

- 8 Internal Rubber Shocks
- Lockable Flip-down Doors
- Rear Exhaust Fan



MDVR-GPS External Signal Box

Provides system information on the MDVR-GPS, including power, record, alarm and GPS fix status. An emergency panic switch is also provided. Useful when the MDVR-GPS unit has been installed out of reach from users.

Part No.

MDVR-GPS-HOUSING

Part No.

MDVR-GPS-SIGBOX



MDVR-GPS Wireless LAN Server

Allows streaming of camera footage over a wireless ethernet network. Unit contains RCA video and audio connections as well as dual wireless antennas.



MDVR-GPS LAN Server

Allows streaming of camera footage over an ethernet network. Unit contains RCA video and audio connections as well as a RJ45 socket.

Part No.

MDVR-GPS-WLAN

Part No.

MDVR-GPS-LAN



MDVR-GPS 2.5" Hard Drive Tray

Spare hard drive tray for MDVR-GPS.



MDVR-GPS USB Hard Drive Dock

USB Hard Drive Dock for MDVR-GPS. Allows users to directly connect their hard drive(s) to a computer for playback and archiving.

Part No.

MDVR-GPS-HDDTRAY

Part No.

MDVR-GPS-USBDock

VEHICLE REVERSING KITS

‘WATCH OUT’ FOR UNSEEN OBSTACLES!

HELP SEE WHAT’S BEHIND YOU IN YOUR BLIND SPOTS WHEN REVERSING



Rearview Mirror with 4.3" TFT-LCD Inbuilt Monitor & Number Plate Camera Kit

This kit contains all you need to enable safe reversing with confidence, virtually eliminating blind spots. The Monitor/Mirror simply fastens over your vehicle's existing rear view mirror and the camera is mounted above your Number plate. When reverse gear is selected, a colour video image is instantly displayed on the in-built 4.3" TFT LCD screen.

- Video display turns on automatically while reversing
- Inbuilt 4.3" colour TFT-LCD screen
- Monitor resolution: 480x 234 pixels
- Anti-glare blue glass mirror
- Secondary video input available
- Power: 12VDC (10W maximum power consumption)

Camera:

- 8 x infrared LED's offer enhanced night time operation
- Easily mounts above your number plate
- 110Deg. horizontal viewing angle
- Power 12VDC 200mA

Part No.
VSDS-RVM4.3



Digital Reversing Mirror With In-built 4" Colour LCD Screen

This attractive accessory fastens over your vehicle's existing rear view mirror. When reverse gear is selected, a wide angle colour video image is instantly displayed on the in-built 4" LCD screen. Enables safe reversing with confidence, virtually eliminating blind spots. Functions as a regular mirror when not reversing.

- Video display turns on automatically while reversing
- Inbuilt 4" Colour TFT-LCD screen with speakers & volume control
- Monitor resolution: 480x 234 pixels
- Anti-glare blue glass mirror
- Secondary AV Input for connection to DVD/GPS (Only active when vehicle hand brake is applied)
- Integrated mirror image display (Selectable via AV input module)
- Power: 12VDC
- Mirror dimension: 270(W) x 20(D) x 95(H) mm

Wireless Vehicle Reversing Kit With 2.5 Inch Colour LCD Monitor & Number Plate Camera

- Wireless transmission from camera to monitor allows easy installation
- 2.5" colour LCD monitor with flexible mounting arm & power adaptor
- Mounting arm simply attaches via suction cap
- Power adaptor plugs into cigarette lighter (aux) outlet
- Compact stylish design number plate camera with wide-angle lens and LED's for enhanced night time operation

Part No.
VSRVM-WLESS

Part No.
VSMT-RVM

WARNING: Both reversing cameras and parking sensors are designed only as an aid to drivers. They should never be considered as a substitute for normal driver responsibility. Proper driving technique and use of mirrors whilst reversing should always be observed by the driver.

VEHICLE CAMERAS & MONITORS



Flush Mounted Bumper Camera with Infrared LEDs

This Reversing Camera simply mounts directly into your vehicle's rear bumper and once connected to one of Rhino's In-Vehicle LCD Monitors will display a clear colour image.

- 10 x infrared LEDs offer enhanced night time operation
- Easily mounts directly into the rear bumper of your vehicle
- 90Deg. horizontal viewing angle
- Compatible with Rhino's full range of in-vehicle LCD display monitors or any other LCD display
- Power 12VDC >=200mA

Part No.
VSDS-BUMPCAM



Number Plate Mounted Colour Reversing Camera with Infrared LEDs

This Reversing Camera simply mounts above your number plate and once connected to one of Rhino's In-Vehicle LCD Monitors will display a clear colour image.

- 8 x infrared LEDs offer enhanced night time operation
- Easily mounts above your number plate
- Camera can be tilted up and down to provide the best view
- 110° Horizontal Viewing Angle
- Compatible with Rhino's full range of in-vehicle LCD display monitors or any other LCD Display
- Power 12VDC >=200mA

Part No.
VSDS-NPCAMKIT



Flush Mount Bumper-Fit Reversing Camera With Infrared LEDs

Flush mount camera designed for mounting directly in the centre of your rear bumper bar. Infrared LEDs offer enhanced night time operation

- 110° Horizontal Viewing Angle
- Dimensions: 65 (L) x 25 (Dia.) mm

Part No.
VSMT-BUMPCAM



Ultra Small Wing Mount Reversing Camera

Ultra compact camera for mounting inside / outside the vehicle - such as above your number plate

- 130° Horizontal Viewing Angle
- Dimensions: 24 (L) x 19 (Dia.) mm

Part No.
VSMT-MINICAM



Truck Reversing Camera With Infrared LEDs & Microphone

Suitable for mounting inside rear windscreen (eg.4WD) or externally on a truck or van body. Infrared LEDs offer enhanced night time operation.

- 1/4" SHARP image sensor
- 420 TVL horizontal resolution
- 500(H) x 582(V) pixels
- Up to 30M IR range
- Effective illumination = 0.000Lux/F1.2(LED on)
- Fixed 2.8mm lens
- 120 Deg. view angle

Part No.
VSMT-TRUCKCAM



10m Video & Audio Cable for Truck Camera

This is a 10m RCA (Video and Mono Audio) cable for the VSMT-Truck Cam.

Part No.
VSRVM-CBL10

VEHICLE PARKING SENSORS



4 Channel Reversing Sensor Kit with 'Audible Alert'

This device is designed to aid drivers by detecting physical objects when reversing or parking. When reversing, the advanced ultrasonic sensors will detect obstacles within 1.5 metres from the rear of your vehicle.

- Detection Range - 0.2 ~ 1.5m
- 4 x Ultrasonic Sensors - 40KHz
- Digital Control Box
- Speaker for audible alert
- 12 Volt DC - 20~200mA

Part No.
REVSENSE4B

WARNING: Both reversing cameras and parking sensors are designed only as an aid to drivers. They should never be considered as a substitute for normal driver responsibility. Proper driving technique and use of mirrors whilst reversing should always be observed by the driver.

MOVE INTO THE 21st CENTURY

Now available from RhinoCo Technology the latest **CANBUS** interface modules.

“If you fit car security or electrical accessories into new cars you need our CANBUS modules.”

What is CANBUS?

The controller area network is a digital input BUS, which allows you to connect directly into the car computer to control most electrical items in new vehicles such as:

- Security system ON and OFF signals
- Cruise control signals
- Central locking signals
- Heated seats signals
- Foot brake signals
- Vehicle speed signals
- Park light signals etc.

Please call RhinoCo Technology for further information on: (02) 4577 4708





Power Supplies, Cables, Connectors & Accessories



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BATTERIES

**CR2450 3V Lithium Battery**

Suits:
- PIRW3
- WREEDI

Part No.
CR2450BULK

**3V Lithium Battery CR2025**

Suits:
- RCTX3-T

Part No.
CR2025BP

**CR2032 3V Lithium Battery**

Suits:
- Suits many general purpose remote controls

Part No.
CR2032BP

**3V Lithium Battery CR1616**

Suits:
- GT
- GTR
- GTS
- GTTX / GTSTX / GTRTX / RCTX4-U

Part No.
CR1616BP

**Remote Control Battery - 12V, Type 23A**

Suits:
- PTX
- GLTX

Part No.
TX12V

**12V DC 1.2AH Sealed Lead Acid Battery**

- 12VDC / 1.2. AH
- Maintenance free sealed lead acid battery
- Non-spillable construction design
- High quality and high reliability
- Low self discharge characteristic
- Power failure backup battery

Part No.
D12V1.2

**12V DC 7AH Sealed Lead Acid Battery**

- 12VDC / 7.0 AH
- Maintenance free sealed lead acid battery
- Non-spillable construction design
- High quality and high reliability
- Low self discharge characteristic
- Power failure backup battery

Part No.
D12V7

AC / DC POWER SUPPLIES

**5 Volt - 500mA Switchmode Power Supply**

Part No.
PS5VDC500MA

**5 Volt - 1.0Amp Switchmode Power Supply**

Part No.
PS5VDC1AMP

**Low Voltage AC Plugpack 16V AC 1.5 Amp**

- Input - 230-240V AC / 50Hz
- Output - 16V AC / 1.5 Amp
- Lead - 1.8m
- Termination - Bare ends

Part No.
PS16VAC

**Power Supply for Commax Video Intercoms**

18V DC Power Supply for Commax Video Intercoms

Part No.
PS18VDC

**Switch Mode AC Adaptor 12V DC, 1.5 Amp**

- Input - 100-240V AC / 50Hz
- Output - 12V DC / 1.5 Amp
- Lead - 1.8m
- Termination - DC plug

Part No.
PS1500SM

**Low Voltage AC Adaptor 24V AC 2.0 Amp**

- Input - 240V AC / 50Hz
- Output - 24V AC / 2.0 Amp
- Input lead - 1.8m
- Output lead - 1.8m
- Termination - Bare ends

Part No.
PS24VAC2AMP

**Switch Mode Power Supply 12V DC, 5 Amp**

- Input 100-240V AC / 50Hz
- Output 12V DC / 5.0 Amp
- Input lead 1.5m
- Output lead 1.8m
- DC Plug Termination

Part No.
PS5000SM

MULTIPLE OUTPUT CCTV POWER SUPPLIES WITH THERMAL SHUTDOWN OVERLOAD & SHORT CIRCUIT PROTECTION

Introducing **THE POWER OF "ROME"** latest range of high quality multiple output CCTV power supplies which have been designed specifically for use in the security industry. They feature thermal shutdown, overload and short circuit protection providing you with peace of mind on your installations. They are available with output voltages of 12V DC & 24V AC and utilise switch mode technology to enable efficient operation and compact design. Each unit is also fitted with individual power status LED's to provide instant visual evaluation of system operation.



12VDC 5Amp 10 Output CCTV Power Supply

- 10 individual outputs 12V DC at 0.35A (0.75A) max each
- Accepts universal inputs of 100-240V 50/60Hz
- Output Power: 5A Max 60W
- 4 LED status indicators for checking and diagnosing each channel
- Green = Power ON
- Red = In Loading
- Dim = In Over Loading
- Off = Power Off or Thermal Shutdown
- Auto reset thermal protection for each channel against output overload and or short circuits
- Max. Current limited with auto fold back function
- Efficient compact design

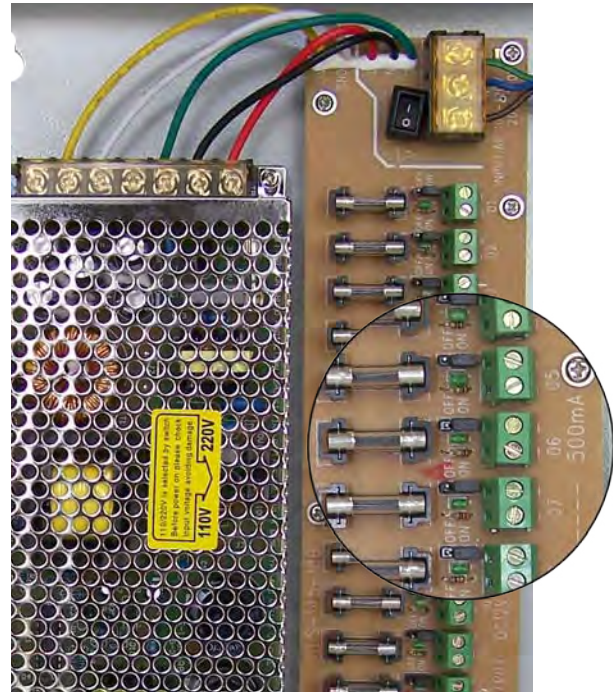
Product Close-up



Part No.
PS12V5A10CH



Product Close-up



12VDC 9Amp 18 Output CCTV Power Supply

- Outputs can be connected parallel for connecting cameras with >500mA draw
- Not suitable for use outdoors
- Efficient compact design
- 18 individual 500mA fused outputs
- Lockable metal housing
- Output Power: 145W
- Input Voltage: 240V AC
- Output Current: 18 x 500mA fused outputs (9Amp Continuous-10Amp Peak)
- Dimensions(mm): 312(H) x 205(W) x 50(D)

Part No.
PS12V10A18CH



12VDC 8Amp 20 Output CCTV Power Supply

- 20 individual outputs 12V DC at 0.4A (0.75A) max each
- Accepts universal inputs of 100-240V 50/60Hz
- Output Power: 8A Max 96W
- 4 LED status indicators for checking and diagnosing each channel
- Green = Power ON
- Red = In Loading
- Dim = In Over Loading
- Off = Power Off or Thermal Shutdown
- Auto reset thermal protection for each channel against output overload and or short circuits
- Max. Current limited with auto fold back function
- Efficient compact design

Product Close-up



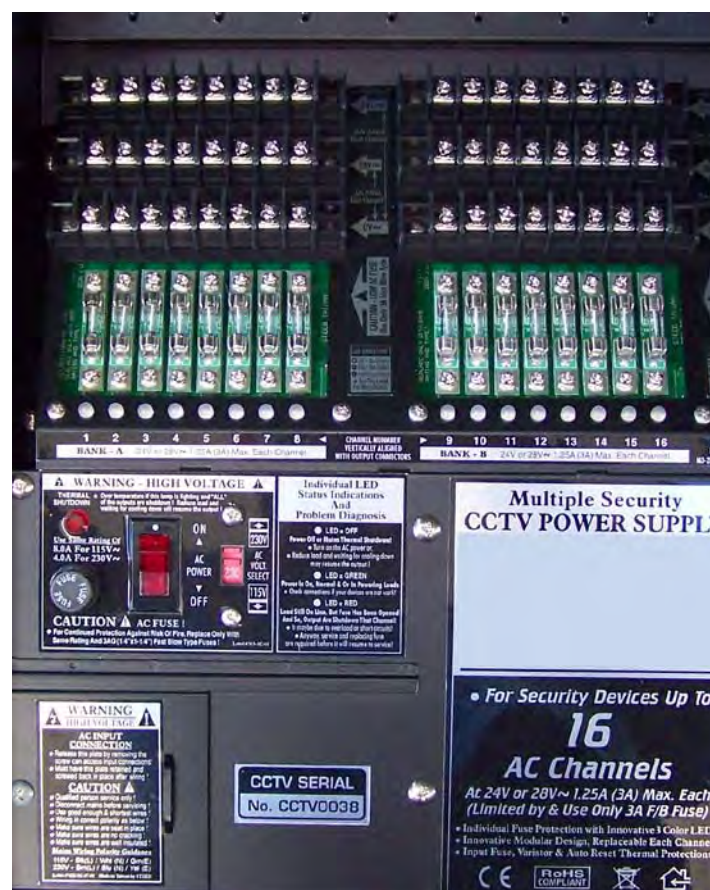
Part No.
PS12V8A20CH



24V AC 20Amp 16 Output CCTV Power Supply

- 16 individual outputs 24V AC at 1.25A (3.0A) max each
- Lockable metal housing
- Accepts universal inputs of 100-240V 50/60Hz
- Output Power: 20A Max 560VA
- 4 LED status indicators for checking and diagnosing each channel
- Green = Power ON
- Red = In Loading
- Dim = In Over Loading
- Off = Power Off or Thermal Shutdown
- Auto reset thermal protection for each channel against output overload and or short circuits
- Max. Current limited with auto fold back function
- Efficient compact design

Product Close-up



Part No.

PS24V20A16CH



24VAC 32Amp 32 Output CCTV Power Supply

- 32 individual outputs 24V AC at 1000mA (2.0Amps) max each
- Accepts universal inputs of 100-240V 50/60Hz
- Output Power: 32A Max 896VA
- Standard 19" Rack Mount Case
- Individual LED indicator each channel
- Individual fuse protection for each channel against output overload and or short circuits
- Thermal fuse fitted in the transformer
- Varistor installed minimizing risks of damage from lightning
- Auto reset thermostat fitted against overheating
- Efficient compact design

Product Close-up



Part No.

PS24V32A32CH

UN-INTERRUPTED POWER SUPPLIES



PRO Series Tower UPS

Suitable for standalone DVR's, Workstations and Printers.

- Wide input voltage window
- Boost and buck AVR
- Compatible with generators
- Provides LED and audible alarm function
- Surge protection
- Protection for short circuit and battery low voltage
- Automatic diagnostic on startup

Part No.

UPS600VA
UPS1000VA
UPS1400VA
UPS2200VA



Uninterruptable Power Supply - 700W

UPS1000VAXC - 700W



UPS2000VAXC - 1340W



UPS3000VAXC - 2100W

- Same unit can be used as tower or rack mount
- Hot swappable battery
- Selectable input/output voltage
- RS232 and USB communication
- Built in voltage stabilizer
- Line interactive
- True sine wave output
- Simple control and compact design
- SNMP compatible allowing web control and monitoring
- Generator compatible

Part No.

UPS1000VAXC
UPS2000VAXC
UPS3000VAXC
UPS1000VAXCRM
UPS2000VAXCRM
UPS3000VAXCRM

CABLES



Figure 8 Cable 14 x 0.2mm / 100m Roll

Part No.

DF8C



Figure 8 Cable 24 x 0.2mm / 100m Roll

Part No.

DF8C2



4 Core Cable 4 x 7/0.20mm Stranded 100m Roll

Part No.

D4CC



6 Core Alarm Cable 6 x 7/0.2mm Stranded 100m Roll

Part No.

D6CC



Full Copper RG59 75Ohm Coax Cable 100m/R

Part No.

DCOAXFC



100m Roll Combined Coax/Power Cable - Black

- Combined coax/power cable
- Full copper conductors & braiding
- Fig 8 - (2 x 24/0.2mm Stranded)
- RG59 75 Ohm
- 100m Roll

Part No.

DCOAXPWR24FCB



100m Roll Combined Coax/Power Cable - White

- Combined coax/power cable
- Full copper conductors and braiding
- Fig 8 - (2 x 24/0.2mm Stranded)
- RG59 75 Ohm
- 100m Roll

Part No.

DCOAXPWR24FCW

Please check our website for the latest product release!



TOOLS



Coaxial Cable Stripping Tool

- Coaxial cable stripper which suits RG58/59/6 cable
- Fitted with 3 blades to suit 4 cable diameters
- This 3 position stripper will strip cable revealing braid, dielectric and centre conductor

Part No.
VSA18



7.6 inch Professional Compression Tool

- Adjustable and changeable for waterproof connectors.
- Suitable for F/RCA/BNC RG-59, 6 (4C,5C) waterproof connectors.

Part No.
VSCOMPTOOL



Cable Tester - Tone Generator and Probe

- Features(Probe):
Sound or illumination and vocal-light indicating for choice.
Volume adjusts.
Low voltage warning.
- Features(Tone Generator):
Choose switch of multiple frequency signal and single signal.
Syllogistic remote switch applies for control operation mode.
Three colour pilot light, display circuit polarity, continuity and testing voltage.
Red and black test cartridge, standard four wires plug.
Fine molding, expedient operation.

Part No.
VSCABLETESTER



Coaxial Connector Cable Crimping Tool with 5 Jaws

- Designed to crimp BNC/TNC connectors to RG58C/U and RG62 coaxial cable as well as the centre pin to the centre conductor
- Insulated handle and tension 6 position adjustment
- Hex sizes: 1.7, 2.5, 5.4, 6.5, 8.2mm

Part No.
TSA50



Professional Cabling Tool Kit in Sturdy Carry Case

This compact kit has been designed to include the required tools for any cabling installation. It includes:

- 1 x Cable Tester.
- 1 x Crimping Tool for 6P/8P Plugs w/Ratchet.
- 1 x Crimping Tool for Coax 58,59,62,6 w/ Ratchet.
- 1 x UTP/STP Stripper.
- 1 x Coaxial Cable Stripper.
- Hard Plastic Tool Box - 309 x 185mm

Part No.
VSTOOLKIT

LEADS & CONNECTORS

VSFB2R



BNC / RCA Adaptors

- BNC to RCA adaptor
- RCA to BNC adaptor

VSFR2B

Part No.

VSFB2R
VSFR2B



BNC / 'T' Connector

- BNC - T Connector

Part No.

VSFBTA



BNC Connector Standard Compression Type

- BNC (Standard compression type)

Part No.

VSFBNC



High Quality Compression BNC Plug

- For RG6 Cable

Part No.

VSFBNC6



High Quality Compression BNC Plug

- For RG59 Cable

Part No.

VSFBNC59



Inline BNC Connector, Socket to Socket

- BNC Socket to BNC Socket

Part No.

VSFB2B



Twist BNC Connector

- Installer can fix this BNC plug by hand
- More reliable than crimp style

Part No.

VSFBNCTWIST

RCA Line Plugs



RCA Line Plug Male - Red

Model: VSFRLPR



RCA Line Plug Male - Black

Model: VSFRLPB



RCA Line Plug Male - Yellow

Model: VSFRLPY



RCA Line Socket Female - Red

Model: VSFRLSR

Part No.

VSFRLPR

VSFRLPB

VSFRLPY

VSFRLSR



DC Power Connector Plug

Model: VSFDCP



DC Power Connector Socket

Model: VSFDCPF2.1

Part No.

VSFDCP

VSFDCPF2.1



15m RCA Extension Leads (3 x RCA To 3 x RCA)

Part No.

Length

RCA315 (1.5m)

RCA330 (3.0m)



Replacement 16ch BNC Lead for Platinum Card

This is a replacement 16 Channel BNC lead for Platinum cards.

Part No.

OCTOBNCP



Connector Strip with Screw Terminals for Distributing Power to Cameras

- One Input
- 8 Outputs
- Polarity Markings

Part No.

VSTBB



5-Way Power Splitter

- One DC Power Jack Input
- Five DC Power Jack Outputs

Part No.

DC4CHLOOM



10m Pre-terminated Combined Power & BNC Video Lead

Pre-terminated cables with no crimping required. Your plug and play solution!

- Please note: The above power / video leads are not suitable for cameras which draw more than 1 Amp of current

Part No.

RCA4CHLOOM10M

RCA4CHLOOM20M

RCA4CHLOOM30M

NEW



Power Converter - Max 36VAC/DC convert to 12VDC Adaptor

- Max 36V AC/DC converted into 12VDC with power adapter connector.
- 1 Amp max. Regulator

Part No.

VSPOWCONVERTER

NEW



DC Power Plug to Screw Terminal

- DC Plug Dimensions: 5.5 mm Outer Diameter, 2.1mm Inner Diameter.

Part No.

VSDCCABLE

BALUNS

1 Channel Twisted Pair to BNC Video Balun with Power



This device reduces the cost of cabling and eliminates the need for video amplifiers. By utilising UTP (Unshielded Twisted Pair) cable you can transmit all composite video signal sources (bandwidth DC-6MHz) or audio sources (bandwidth 0-15KHz) up to 300 metres away.

Part No.
VSBALCAT54

Female Socket Twisted Pair to BNC Baluns



This device reduces the cost of cabling and eliminates the need for video amplifiers. By utilising UTP (Unshielded Twisted Pair) cable you can transmit all composite video signal sources (bandwidth DC-6MHz) or audio sources (bandwidth 0-15KHz) up to 300 metres away.

Must be used with VSBALCAT54

Part No.
VSBALCAT54S

BNC Female to RJ45 Jack Shielded



This 4 channel video balun TX/RX can connect up to 4 video cameras to a single CAT 5 cable. This is ideal for use in areas where large amounts of cables are required as CAT 5 cable is significantly cheaper than the more traditional coaxial cable. Compatible UTP cables include CAT-5, CAT-6, CAT-7; compatible coaxial cable includes RG-59 and RG-6.

Part No.
VSQC-3427

Quad Video Balun BNC Female Bulkhead Panel Mount



BNC Female to RJ45 Jack Shielded CCTV Balun Quad - Rack Mountable

- Features as per VSQC-3427

Part No.
VSQC-3427RM

Quad Passive Video Balun - RJ45 Jack to 4 BNC Female Connectors



- For both camera side and monitor side.
- Camera/Monitor Connectors: 4 BNC Female.
- Wire Connector: RJ45 Jack.
- Wire required: CAT5, or better.
- Frequency response: DC to 6.5 MHz
- Attenuation: 75 ohm to 100 ohm about 0.4dB
- Impedance: Coax / 75 ohm, UTP cable / 100 ohm.
- Coaxial Cable: unbalanced, 75 ohm.
- UTP C5: balanced, 24 AWG, 100 ohm.

Part No.
VSQUADBALUN

NEW



Single Passive Video/Power/Data Balun

- Video, power and data.
- RJ45 Jack.
- Video: BNC male pigtail.
- Power: DC male and female pigtail.
- Data: 2 wires.

Part No.
VSBALCATPAIR



*Balun Not Included

19" 1RU Quad Video Balun Panel (Unloaded) with Designation Strip

CCTV Quad Balun Blank Panel Accessory with Designation Strip
This 16 port rack panel is used in conjunction with the VSQC-3427RM to create a professional rack mount solution.

Part No.
VSQC-3427RMP

1 Channel Video/Audio Balun



This 1 channel balun TR/TX not only has a BNC socket, but it also comes with 2 RCA sockets for audio transmission support. This device converts video camera cabling and increases transmission distance by converting the signal from coaxial to CAT 5 Cable.

Part No.
VSQC-3424

VIDEO SURVEILLANCE PROTECTION EQUIPMENT



At Last...

Real Protection For All Your Video Surveillance Equipment...

Did you know that it is common for video surveillance equipment such as DVR's, cameras, PTZ controllers, multiplexers & any other devices connected by coaxial cable, CAT5 or Fig 8, to be susceptible to damage caused by lightning strikes, power surges, and earth loops?

These Surge Protectors & Filters protect your surveillance equipment by passing the hazardous voltages to ground and filtering out noise with total galvanic isolation which eliminates earth loops and hum bars.



UTP Data Surge Protection - Terminal Block Simple 'in-out' Surge Protection for PTZ Controllers or Data Wires

- Surge protection attack time: 100ns
- Maximum surge current: 5000A
- Dimensions: 45 X 25 X 25mm
- Weight: 74g

Part No.
VSSPU



Coaxial Surge Protection - BNC Connector Simple 'in-out' Surge Protection for CCTV Cameras

- Surge protection attack time: 100ns
- Maximum surge current: 5000A
- Dimensions: 78mm X 25mm X 25mm
- Weight: 80g

Part No.
VSSPB



UTP Video & Data Surge Protection - RJ45 Connectors Simple 'in-out' Surge Protection for IP Cameras & Network Devices

- Surge protection attack time: 100ns
- Maximum surge current: 50,000A
- Dimensions: 32mm X 45mm X 72mm
- Weight: 105g

Part No.
VSSPR



Ground Loop Isolator

- 75 ohm BNC Male to 75 ohm BNC Female
- Transient Voltage Suppressor: 12 Volts rms
- BNC Male with 100 mm miniature coaxial cable input and BNC Female output
- Isolation Voltage: 750 Volts DC
- Insulation Resistance: >100 M ohm
- Dimension: 50 x 30 x 25 mm

Part No.
VSVSI

REMOTES & FREQUENCY COUNTER

**Single Button Remote Control, available in Fixed and Rolling Code**

- GLTX - Fixed Code
- The GLTX is used for the Rhino LS and GA car alarms
- GLRLTX - Rolling Code

Part No.
GLTX
GLRLTX

**2 Button Code Hopping Remote - Suits RCX, RES, WGUARDSMS & WGUARDMARINE**

- Yellow LED
- Suits Rhino RCX and RES immobilisers, WGUARDSMS and WGUARDMARINE
- Red LED
- For Rhino GTS Car Alarm
- Green LED
- Suits Rhino GTR Car Alarm

Part No.
GTTX
GTSTX
GTRTX

**3 Button Code Hopping Remote with LED Torch Function - Suits JAG, RA & RAM**

- 3 button remote With LED torch
- As supplied With Rhino JAG, RA and RAM Car Alarm
- Also compatible with Rhino RCX, RES, WGUARDSMS and WGUARDMARINE

Part No.
RCTX3-T

**4 Button Code Hopping Remote - As supplied with Rhino RXPROR4**

- As supplied with Rhino RXPROR4. Optional use with Rhino RCX, RES, JAG, RAM, WGUARDSMS and WGUARDMARINE
- Colour coded buttons with printed numbers to match GTTX / RCTX3-T i.e button 1 on Your RCTX4-U is the same function as button 1 on your GTTX remote

Part No.
RCTX4-U

Need a Replacement Remote Control?

Programmable 4 Button Replacement Remote!



For your old Car Alarm, Home Alarm, Garage Door or Electric Gate.

Programmable 4 Button Replacement Remote

The Rhino PTX Remote Control can duplicate a majority of fixed code remote controls (not code hopping remotes). Fixed code means that each time the remote control is pressed, the same code is transmitted each time. The PTX remote has four buttons so that it will universally suit most remotes i.e. some remotes have just one button for arming / disarming, where others may have separate buttons for multiple functions. The same code can be copied onto multiple buttons if desired. If your original remote has a function controlled by pressing multiple buttons together, you must duplicate that code to a single button on your Rhino PTX.



- 4 channel programmable remote control
- Many uses including car alarms, home alarms, panic buttons, garage doors...
- Copies most radio frequency fixed code remote controls
- Learns in seconds
- 255-500 MHz adjustable frequency
- Battery included

Part No.
PTX

Frequency Counter for Scanning & Adjusting Remotes



* Remote Control Not Included

RF Remote Control Frequency Counter

This tool is ideal for both home and vehicle technicians to quickly check if UHF remotes are working and re-tune to correct frequency if required.

- Large easy to read display
- Reads 250 ~ 500 MHz
- Power supply included

Part No.
FREQCOUNTER



Universal Air Conditioner Remote

This universal air conditioner remote control can control over 100 different world famous brands of air-conditioners, including Fujitsu, Daikin, Hitachi, Mitsubishi and Samsung.

This remote is the ideal product to replace lost or damaged air conditioner remotes and can control multiple functions including fan speed and air swing direction.

- Features:
- Low power consumption.
 - Long distance transmission range
 - Simple to set up and operate
 - Clear LCD screen, easily shows functions such as temperature and operating mode
 - Elegant and simplistic design.
 - Lightweight (56 grams)
 - Dimensions (mm): 135 (H) x 47 (W) x 23 (D)
 - Requires only 2 x AAA batteries to operate

Part No.
RS10

ALARM PADLOCK

NEW



**Ear-piercing
ultra loud
siren when
movement
or shock is
detected!**

Watchguard 110dB Siren Alarmed Padlock

This Security Alarm Padlock, when armed, emits an ear-piercing ultra loud siren when movement or shock is detected, increasing the chances of scaring away thieves and protecting your valuables. The padlock features a 110db internal siren which sounds if the lock is moved, touched or knocked after it has been armed. The padlock has been manufactured to the highest standards, with a stainless steel shackle and hardened zinc alloy body. The body of the padlock has been powder-coated providing extra corrosion, water and weather resistance. The versatility of the padlock make it suitable for use in any number of applications, including garden sheds, gates, garages, lock-boxes, bikes, toolboxes, trailers, caravans, lawn mowers and garden machinery.

Part No.
WGALPAD

DYNAMO TORCH



Double Copper
Coil Wires

**NO
BATTERIES
NEEDED**



Lighting

Flashing
Light

NEW

Waterproof Dynamo Torch

This flashlight doesn't require batteries, it is powered by simply shaking the unit up and down. This battery-less power source makes it a handy tool to have, especially in situations where emergency light may be needed, such as during a power blackout. When shaken, the flashlight is powered from the generation of a magnetic force created by the double copper coil wire within the handle. The torch comes in a transparent waterproof housing, making it suitable for use in a wide range of applications. It can be used underwater to a depth of two metres. The lack of batteries and the associated electronics means that the overall cost of production is lower, bringing you a high quality product for less.

- Waterproof
- Recharge By Shaking
- Light / Flashing Light Function

Part No.
WGDT200L



Business Phone Systems



PBX BUSINESS PHONE SYSTEMS

PBX Business Phone Systems	16
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PBX PHONE SYSTEMS ACCESSORIES

PBX Phone Systems Accessories	97
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COMPLETE BUSINESS PHONE SYSTEM



*** EASY TO USE,
EASY TO PROGRAM**

Digital PBX Keyphone System with 4 x LCD Handsets

System Includes:

- 4 x LCD Display Handsets
- 1 x PBX Central Control Module

Main Features:

- Supports up to 16 handsets and 6 incoming PSTN lines
- Expansion cards available (Voice Mail, Automated Attendant, Automated greeting, Caller ID, Door phone, VoIP trunk / extension)
- Automatic Call Distribution
- Call transfer, Call Forward, Call Park, Call Barring, Call Queuing, Call Override
- Conference Calling
- Do not disturb
- User set alarms
- Least Cost Routing
- Time Based Routing
- Internal or External hold music
- Paging and Intercom
- Distinctive Ring



**Phone
Available
in Black**



Part No.

EASYPBX-PACK4W

EASYPBX-PACK4B

PBX PHONE SYSTEMS ACCESSORIES



White Phone
(Model: EASYPBX-PHONE8W)



Black Phone
(Model: EASYPBX-PHONE8B)

8 Line Digital Keyphone

- 12 programmable flexible function keys
- Two wire installation, fully hands-free
- Displays time, date and phone name on standby screen.
- Can display caller ID with optional expansion card

Part No.
EASYPBX-PHONE8W
EASYPBX-PHONE8B



24 Line Digital Keyphone

- 24 programmable flexible function keys
- Two wire installation, fully hands-free
- Large LCD display with backlight
- Displays time, date and phone name on standby screen.
- Extra function keys may be used as an operators switchboard
- Can display caller ID with optional expansion card

* Phone also comes in Black colour
(Model: EASYPBX-PHONE24B)

Part No.
EASYPBX-PHONE24W
EASYPBX-PHONE24B



2 Line Analogue Handset Input Card

- Enables standard analogue phone handsets to be connected to your EasyPBX system
- Allows standard phones to make, receive and transfer calls on multiple lines
- Often used with cordless phones to give the PBX system wireless functionality

Part No.
EASYPBX-2SL



(Model: EASYPBX-LCARD2)

2 Line Expansion Card

- Provides two additional incoming PSTN ports to your EasyPBX system.
- Can be used in conjunction with part no. EASYPBX-LCARD4 for a total of 8 incoming lines.



(Model: EASYPBX-LCARD4)

4 Line Expansion Card

- Provides four additional incoming PSTN ports to your EasyPBX system.
- Can be used in conjunction with part no. EASYPBX-LCARD2 for a total of 8 incoming lines.

Part No.
EASYPBX-LCARD2
EASYPBX-LCARD4



Doorstation Interface Card

- Enables the PBX to be connected to a standard door station.
- Provides doorbell, audio and door strike functions.
- Compatible with most 600 Ohm systems.

Part No.
EASYPBX-DPVCARD



Digital Automated Attendant Unit

- Allows for 256 seconds of voice menus
- Fully automated interactive voice response
- Supports up to two concurrent calls
- Supports separate day and night modes
- Voice attendant
- Multiple units may be stacked to increase call capacity

Part No.
EASYPBX-VACARD



Voicemail Expansion Card

- 10 and 20 hour versions available
- Four concurrent sessions
- Supports up to 500 mailboxes
- Voice attendant
- Can be enabled manually or through the PBX time of day setting

Part No.
EASYPBX-VMCARD



Caller ID Expansion Card

- Gives your PBX the ability to detect the numbers of incoming callers
- Passes caller ID through to enabled handsets
- Allows for screening of callers based on phone number
- One card enables up to four incoming lines

Part No.
EASYPBX-IDCARD



LINKSYS VoIP Analogue Telephone Adapter

- Enables legacy PBX hardware for VoIP
- Provides routing and QoS functions, allowing you to share your existing internet connection without sacrificing call quality
- Configuration via a simple web interface
- Includes two standard telephone sockets for phones or fax machines with independent phone numbers
- Compatible with all common telephone features, such as Caller ID, Call Waiting and Voicemail

Part No.
VOIP-VOICEBOX



Serial Interface Expansion Card

- Allows simplified programming through a computer interface
- Can be configured to output station status and call metering data

Part No.
EASYPBX-RS232IF



Australian 606 to US Modular Adapter

- Often used in older buildings
- 6P2W adapter

Part No.
606M2



Voice Over IP Expansion Card

- Four line internal VoIP card - does not occupy your normal PSTN line inputs
- Allows for seamless dial-plan integration between two or more EasyPBX systems at different sites anywhere in the world
- Make free *intraoffice calls and transfers (*Excludes any associated data costs)
- Can register to any SIP based ITSP (ie Engin) to allow for low cost local and international calling
- Can be combined with the Digital Automated Attendant Unit to automatically route calls between offices

Part No.
EASYPBX-VOIPCARD



Telephone Extension Leads

- Flexible multistranded wire
- Fitted with 6P4W modular plugs
- Can be used with the 606 adapter above
- Available in 1m, 10m, 20m & 30m lengths

Part No.
PHONEEXT1M
PHONEEXT10
PHONEEXT20
PHONEEXT30



2 Port ISDN BRI Card

This 2 port ISDN BRI card gives the PBX the ability to connect to any standard ISDN Basic Rate Interface. IE Telstra NT1.
2 physical ports= 4 logical lines

Part No.
EASYPBX-BRICARD2



3.5mm Male to Male Audio Lead

- Used to connect the EasyPBX system to a standard hold music source (ie radio)
- Length : 1.2mm

Part No.
AUDIOCABLE



Access Control



SAMSUNG EZON DIGITAL DOOR LOCKS

PIN Code, Biometric & Card Reading Digital Door Locks & Accessories	100
---	-----



SAMSUNG EZON INTERCOM SYSTEMS

High Quality Video Intercom Systems & Accessories	102
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COMMAX AUDIO & VIDEO DOORPHONE

Audio Phone	104
Video Phone	104



COMMAX AUDIO / VIDEO PHONE APARTMENTS

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Are your customers after **STYLE** and **SECURITY**?



SAMSUNG EZON Quality, Reliability & Style...



Samsung EZON Touch Screen Digital Door Lock (Silver)



Slim and elegant in design with a brush aluminum and tempered glass finish, the Samsung EZON range of modern and sophisticated door locks are ideal for a keyless home. Designed with a digital touch keypad, secure deadbolt locking mechanism, electrostatic discharge prevention, auto and manual locking modes, as well as external emergency battery terminal, SHS-1110 is the premium keyless entry system for professional installers and DIY enthusiasts alike.

Part No.
EZSHS-1110XMS



Samsung EZON Touch Screen Sensor Key Door Lock w/ Handles (Black)



Slim and elegant in design with a pearl black and tempered glass finish, the Samsung EZON range of modern and sophisticated door locks are ideal for a keyless home. Designed with a digital touch keypad, secure deadbolt locking mechanism, electrostatic discharge prevention, auto and manual locking modes, an Anti-Panic exit system, as well as external emergency battery terminal, the SHS-5110 is the premium keyless entry system for professional installers and DIY enthusiasts alike.

Part No.
EZSHS-5110XMK



Samsung EZON Touch Screen Digital Door Lock (Black)



Slim and elegant in design with a pearl black and tempered glass finish, the Samsung EZON range of modern and sophisticated door locks are ideal for a keyless home. Designed with a digital touch keypad, secure deadbolt locking mechanism, electrostatic discharge prevention, auto and manual locking modes, as well as external emergency battery terminal, SHS-1210 is the premium keyless entry system for professional installers and DIY enthusiasts alike.

Part No.
EZSHS-1210XMK



Samsung EZON Touch Screen RF Door Lock w/ Handles (Black)



The Samsung EZON range of intelligent digital door locks blends premium design with safety and security. The SHS-5120XMK utilises Smart card technology, allowing for three methods of entry: PIN, Smart Card or RF Key Tag. The anti-panic system, built-in fire detection sensor, ESD preventative technology and unauthorised entry alarm ensure that you are safe and secure at home.

Part No.
EZSHS-5120XMK



Samsung Ezon Premium Touch Screen Digital Door Lock - with Random Security Coding



Touch the Pride with the Samsung EZON range of digital door locks. The innovative SHS-1320XMK introduces random security coding technology, doubling the security without compromising the style of a digital, keyless lifestyle.

Security and safety are incorporated into the design, with the built-in fire detection sensor, unauthorised entry alarm, random security coding and Electrostatic Discharge (ESD) preventative technology.

Part No.
EZSHS-1320XMK



Samsung Ezon Premium Biometric Door Lock - Mortice Type - w/ Handles



The Samsung EZON SHS-DL22SNF Premium Biometric Digital Door Lock delivers a new level of safety and security to your home or business. The SHS-DL22SNF can be operated via a fingerprint or PIN code.

It incorporates auto/manual selectable locking modes, in-built thermal sensor with emergency alarm, and anti-panic exit system in a stylish, tamperproof alloy body.

Part No.
EZSHS-DL22SNF



Samsung EZON Biometric Door Lock - Rim Type - Blue



The Samsung EZON SHS-DS22BNF is a digital biometric door lock which blends convenience with security without compromise. The innovative fingerprint verification technology ensures the highest security for a reliable access control system.

The SHS-DS22SNF utilises a number of safety features standard across the EZON range, including the 1-touch anti-panic system, emergency alarm in case of door breakage, selectable auto/manual locking modes and low battery warning.

Part No.
EZSHS-DS22BNF



Samsung EZON Biometric Door Lock - Rim Type - Silver



The Samsung EZON SHS-DS22BNF is a digital biometric door lock which blends convenience with security without compromise. The innovative fingerprint verification technology ensures the highest security for a reliable access control system.

The SHS-DS22SNF utilises a number of safety features standard across the EZON range, including the 1-touch anti-panic system, emergency alarm in case of door breakage, selectable auto/manual locking modes and low battery warning.

Part No.
EZSHS-DS22SNF

DIGITAL DOOR LOCK ACCESSORIES

Replacement Touch Keys for Samsung EZON doorlocks



These are spare/replacement touch keys for compatible Samsung EZON doorlocks. Each pack comes with two keys.

Compatible Doorlocks are:
EZSHS-1110XMS
EZSHS-1210XMK
EZSHS-5110XMK

Part No.
EZSHS-ACK100



Replacement RF SmartCards for Samsung EZON doorlocks



These are replacement RF SmartCards for compatible Samsung EZON doorlocks.

Part No.
EZSHS-DAKT01

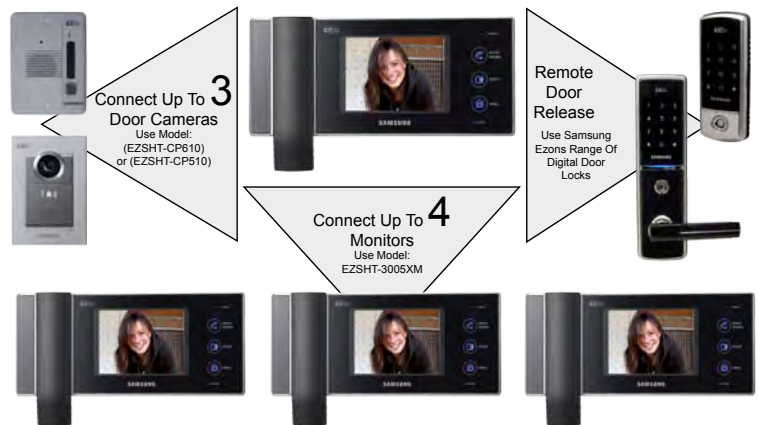
SAMSUNG EZON INTERCOM KITS



Samsung EZON 5" Deluxe Intercom System with Camera

The Samsung EZON EZSHT-3005XA is a sophisticated TFT-LCD video door phone designed for the modern home. It incorporates a sleek and slim surface with a sensitive touch pad control system. The system can be expanded to include up to 4 monitors and 3 door cameras for greater home automation. The system features a remote door release function, a security alarm which activates when the magnetic contact sensor is triggered, and an optional built-in video image memory (up to 32 snapshots)

Expansion Options:



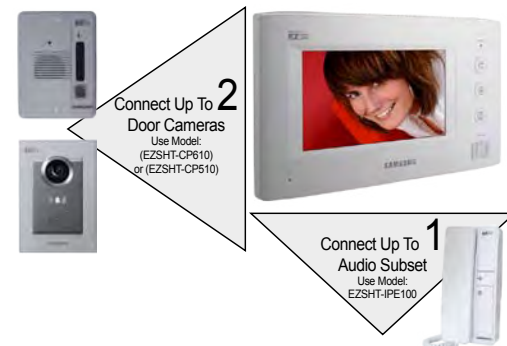
Part No.
EZSHT-3005XA

Samsung EZON 7" Intercom System with Camera

The Samsung EZON EZSHT-3007XB is a slim and stylish TFT-LCD Speakerphone and Door Camera pack designed for the modern home. The system can be expanded up to 2 door cameras for increased functionality. The intercom has remote door release and intercom call functions. Intercom call between a video monitor and a sub audio handset.



Expansion Options:



Part No.
EZSHT-3207XB

SAMSUNG EZON INTERCOM ACCESSORIES


Samsung EZON Additional 5" Monitor For Use With EZSHT-3005XA

Additional 5" monitor for use with EZSHT-3005XA


Samsung EZON Metal Door Station Pinhole Camera

The Samsung EZON EZSHT-CP610 is a metal door station pinhole camera. It has a 1/3" colour pinhole CCD with night vision.



Part No.

EZSHT-3005XM

Part No.

EZSHT-CP610


Samsung EZON Plastic Door Station

The Samsung SHT-CN510 is a Deluxe Door Camera designed for use with the Samsung EZON EZSHT-3005 range of Video Door Phones.


Samsung EZON Intercom Audio Subset

The Samsung IPE-100 is an expandable audio interphone compatible with the EZON 3207 series. It features an intercom call and open door button.

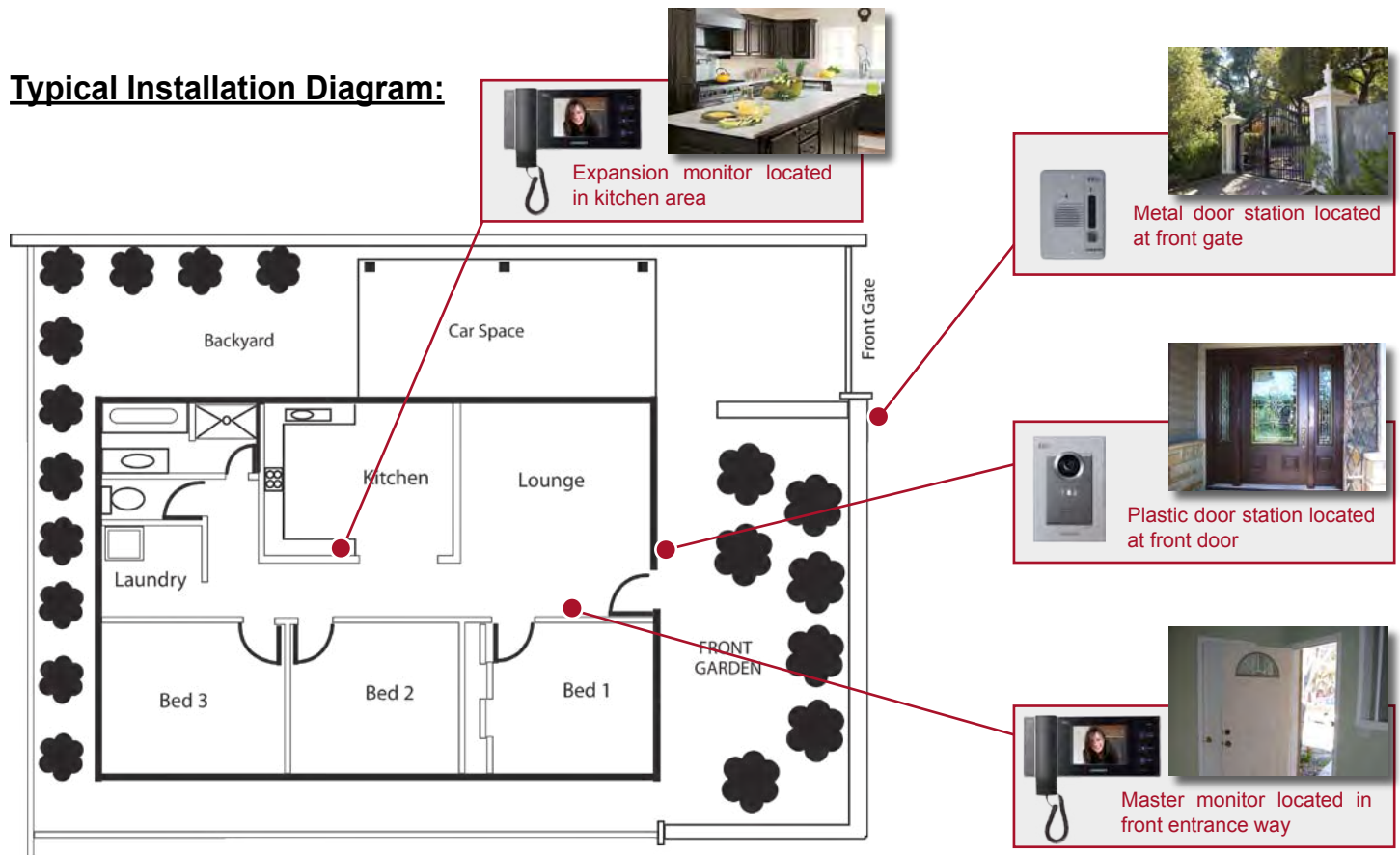


Part No.

EZSHT-CN510

Part No.

EZSHT-IPE100

Typical Installation Diagram:


AUDIO DOORPHONE



Audio Doorphone Kit

- Kit Includes:
- 1 x Handset
 - 1 x Audio Doorphone Station (Plastic Surface Mount)
 - 1 x 12v Power Supply

Additional Components:

- N/A

** Please refer to Commax product guide for full details.



Part No.
INTAKITA



Audio Doorphone Kit with Master and Slave Handset

- Kit Includes:
- 1 x Handset (Master)
 - 1 x Handset (Slave)
 - 1 x Audio Doorphone Station (Aluminium Surface Mount)
 - 1 x 12v Power Supply

Additional Components:

- Handset: Part No:INTDPRA01SD

** Please refer to Commax product guide for full details.



Part No.
INTAKITB
INTDPRA01SD

VIDEO DOORPHONE



Video Doorphone Kit - Black/White

- Kit Includes:
- 1 x B/W Video Monitor
 - 1 x 64 Image Memory Unit
 - 1 x Audio Handset
 - 1 x Video Door Station (Aluminium Surface Mount)
 - 18V Power Supply

Additional Components:

- B/W Monitor: Part No.INTDPV4HPD
- Audio Handset: Part No.INTDP4VR
- Video Door Station: Part No.INTDRC40BS

** Please refer to Commax product guide for full details.



Part No.
INTVKITA
INTDPV4HPD
INTDP4VR
INTDRC40BS



Video Doorphone Kit - Colour 4" Monitor

- Kit Includes:
- 1 x 4" Colour Video Monitor
 - 1 x Image Memory Unit
 - 1 x Audio Handset
 - 1 x Video Door Station (Aluminium Flush Mount)
 - 18V Power Supply

Additional Components:

- 4" Colour Monitor: Part No.INTCDV4HCD
- Audio Handset: Part No.INTDP4VR
- Video Door Station*: Part No.INTDRC4CA

** Please refer to Commax product guide for full details.



Part No.
INTVKITB
INTCDV4HCD
INTDP4VR
INTDRC4CA



Video Doorphone Kit - Colour 5" LCD

- Kit Includes:
- 1 x 5" Colour Video Monitor
 - Hands Free Operation
 - 1 x Audio Handset
 - 1 x Video Door Station (Aluminium Surface Mount)
 - 18V Power Supply

Additional Components:

- Colour Monitor: Part No.INTCDV50A
- Audio Handset: Part No.INTDP4VR
- Video Door Station*: Part No.INTDRC40CS

** Please refer to Commax product guide for full details.



Part No.
INTVKITC
INTCDV50A
INTDP4VR
INTDRC40CS



Video Doorphone Kit - Colour 7" LCD + CCTV

- Kit Includes:
- 1 x 7" Colour LCD Video Monitor
 - Hands Free Operation
 - 1 x Video Door Station (Aluminium Surface Mount)
 - 1 x Surface Mount Digital Control Station
 - 1 x 15m Infrared CCTV Camera
 - 2 x 18V Power Supplies
 - 1 x 12V Camera Power Supply

Additional Components:

- 7" Colour LCD Monitor: Part No.INTCAV71B
- Video Door Station: Part No.INTDRC40S
- CCTV Camera: Part No. VSTP936IRAV

System Capacity
Monitors Cameras



** Please refer to Commax product guide for full details.

Part No.
INTVKITD
INTCAV71B
INTDRC40S
VSTP936IRAV

APARTMENTS



Apartment Audio Intercom Kit - For 8 Units

APARTMENT AUDIO INTERCOM (DIGITAL PUSH BUTTON TYPE) 8 UNIT KIT

Kit Includes:

- 1 x 8 Button Master Door Station
- 1 x Audio Handset
- 12V Power Supply

Additional Components:
Audio Handset: Part No.INTDPKSS

* Also available door station for up to 16 units (Please call)

** Please refer to Commax product guide for full details.



System Capacity

Part No.

INTAPTAKITA
INTDPKSS



Apartment Black/White Digital Video Intercom - Max 240 Units

APARTMENT VIDEO INTERCOM (DIGITAL KEYPAD TYPE)/ 5 DOOR ENTRIES + MAX 240 UNITS

Kit Includes:

- 1 x B/W Digital Keypad Door Station
- 1 x B/W Wall Mount Indoor Monitor
- 1 x 4 Output Video Distributor
- 24V Power Supply
- 18V Power Supply

Features:

- Multi Entry Apartment B/W Video System
- Digital Key Pad Type Door Camera for up to 6 Entries + 240 Room Units
- B/W Wall Mount Indoor Monitor, Dip Switch for Unit Address
- Audio Handset(Optional)
- Private Door Station connectible
- 4 Wire System
- 24V DC Regulated

Additional Components:

- B/W Monitor: Part No.INTAPV4CMD/2
- Audio Handset: Part No.INTAP2RS
- B/W Digital Keypad Door Station: Part No.INTDRC240

** Please refer to Commax product guide for full details.



System Capacity

Part No.

INTAPTVMKITB
INTAPV4CMD2
INTAP2RS
INTDRC240

VIDEO DOORPHONE APARTMENTS



Apartment Black/White Digital Video Intercom - Max 32 Units

APARTMENT VIDEO INTERCOM (DIGITAL PUSH BUTTON TYPE)/ 5 DOOR ENTRIES + MAX 32 UNITS

Kit Includes:

- 1 x 8 Button Master Door Station
- 1 x 24 Button Expander Door station
- 1 x B/W Video Monitor
- 1 x Audio Handset
- 24V Power Supply

Features:

- B/W Video Apartment Digital Intercom System
- Indoor unit address set by dip-switches
- Standard 2 common entry connection
- Private Door Station connectible

Additional Components:

- B/W Video Monitor: Part No.INTAPV4CMD/2
- Audio Handset: Part No.INTAP2RS

** Please refer to Commax product guide for full details.



System Capacity

Part No.

INTAPTVMKITA
INTAPV4CMD2
INTAP2RS



Apartment Colour Digital Video Intercom - Max 8 Units

APARTMENT VIDEO INTERCOM (DIGITAL PUSH BUTTON TYPE)/ 5 DOOR ENTRIES + MAX 32 UNITS

Kit Includes:

- 1 x 8 Button Colour Door Station
- 1 x 4" Colour Video Monitor
- 18V Power Supply
- 12V Power Supply

Additional Components:

B/W Video Monitor: Part No.INTCDV4HCD

** Please refer to Commax product guide for full details.



System Capacity

Part No.

INTAPTVMKITC
INTCDV4HCD

RhinoCo Technology's Terms & Conditions of Sale

1. DEFINITION

The expression "The Company", when referred to in these Terms and Conditions, refers to CORNICK PTY LTD ABN 74 001 621 610.

2. GENERAL

These Terms and Conditions of Sales apply to the sales of goods and services manufactured or supplied by The Company.

Any order received by The Company is deemed to be an order incorporating these Terms and Conditions and no variation or cancellation of any of these Terms and Conditions shall be binding on The Company unless assented to by The Company in writing.

Each order placed by the customer shall be & be deemed to be a representation by it, made at the time that it is solvent & able to pay all of its debts as & when they fall due. Failure to pay The Company in accordance with these terms shall be & be deemed to be conclusive evidence that the customer had no reasonable grounds for making the representation hereof & that the representations were unconscionable, misleading and deceptive.

3. ACCEPTANCE

Any quotation by The Company is not to be construed as an offer or obligation to sell and The Company reserves the right, at its option, to accept or reject any orders received.

4. PRICES

All prices charged/quoted shall be The Company's prices ruling at the date of despatch. Verbal quotations are subject to written confirmation which will be given when requested. All goods are sold and all prices are quoted FOB ex-works The Company unless otherwise specified. The Company reserves the right at any time to make reasonable adjustments of prices in relation to fluctuations in The Company's cost of labour, material, goods or transport and also in relation to any changes in currency exchange rates or duty which affect The Company's costs for imported goods.

Unless expressly noted all prices charged/quoted are exclusive of GST. All government imposts of GST or any equivalent as separately itemised on The Company's invoices are to the customer's account.

5. CANCELLATION OR VARIATION

A contract may, at The Company's option, be terminated in the event of insolvency of the purchaser or the purchaser being placed in liquidation, whether voluntarily or otherwise. A purchaser may only vary an order if such variation is accepted by The Company in writing and any variation or cancellation may only occur on terms which will provide for The Company to be indemnified by the purchaser against any loss or damages. Cancellations will attract a cancellation fee and must be at least 90 days prior to current due delivery date. No cancellation will be accepted on indented products. Re-schedules must be at least 45 days prior to the current due delivery date and any item may be deferred only once, up to a maximum of 90 days from the original requested date.

6. PACKING

Unless otherwise indicated prices include standard cases or packing.

7. DELIVERY

Unless otherwise stated in writing the price quoted is ex The Company's store where stocked. Where delivery is requested beyond this point The Company may, at its discretion, agree to act as agent for the purchaser in this matter and all costs for cartage and insurance will be for the purchaser's account.

8. TERMS OF PAYMENT

Cash on Delivery otherwise expressly agreed to in writing. The Company reserves the right to deliver and invoice any item or items comprising the whole or part of any order. Failure of The Company to deliver any part of an order shall not entitle the purchaser to repudiate the contract.

9. CLAIMS

The following conditions relating to the return of goods for credit apply to all goods returned for this purpose.

9.1 Goods returned must be accompanied by a Delivery Docket stating original invoice number, date of purchase and reason for return.

9.2 Non-standard equipment made to special order cannot be credited under any circumstances.

9.3 Inward freight packing and delivery charges are the responsibility of the purchaser.

9.4 Goods will only be accepted for credit to the extent of that wrongly or over-supplied.

9.5 All returns must be in good order and condition, unused and in original packaging. No claims by the purchaser need be recognised unless made in writing within fourteen days after delivery of the goods to the purchaser.

No claim for damage or resultant expense direct or indirect in respect of any goods shall in any case exceed the invoice price of the goods in respect of any damages or expense shall arise. All damage or expense over and above such invoice shall be the responsibility of the purchaser.

10. RISKS

Risk in the goods purchased shall, unless otherwise agreed in writing, pass to the purchaser upon delivery of the goods to the purchaser or his agent or to a carrier commissioned by the purchaser.

11. PATENTS

To the best of The Company's knowledge goods sold to the purchaser will not infringe any patent, trade mark, registered design or copyright of any third party but The Company shall in no circumstances be liable to the purchaser in respect of any such infringement constituted by the sale or use of the goods.

12. PERFORMANCE AND REPRESENTATION

Any figures or estimates given for performance of goods are based upon The Company's experience and are such as The Company would expect to obtain on test. But The Company will only accept liability for failure to obtain the figures or estimates given when such figures or estimates are guaranteed in writing within specified margins. The purchaser

acknowledges that neither The Company nor any person purporting to act on its behalf has made any representation or given any promise or undertaking which is not expressly set out in the contract whether as to the fitness of the goods for any particular purpose or any other matter.

13. CONDITIONS AND WARRANTIES

All conditions and warranties expressed or implied by statute, the common law equity trade custom or usage or otherwise howsoever are hereby expressly excluded to the maximum extent permitted by law. Where so permitted the liability of The Company for a breach of a condition or warranty that cannot be excluded is limited (at The Company's option) to the replacement or repair of the goods or the supply of equivalent goods or the cost of replacing or repairing the goods or of acquiring equivalent goods. The Company shall not be liable in any way whatsoever for indirect or consequential loss or damage whatsoever (whether based on tort or contract or otherwise). It is a condition of this contract that the purchaser shall not use the goods for the installation in or in association with aircraft. Goods are not authorised for use in life support devices, systems intended for surgical implant into the body or for applications intended to support or sustain life or where the failure of the product would ordinarily create a situation where personal injury or death is likely to occur. In the event the goods are so incorrectly used, The Company shall be exempt from all liability whatsoever and the purchaser hereby indemnifies The Company in respect of any claims, demands, suits or proceedings whatsoever resulting from such misuse of the goods. The Company warrants its products to be in conformance with its own plans and specifications and to be free from defects in materials and workmanship under normal use and service for 12 months from the date stamp control on the product, or for products not having a date stamp, for twelve months from the date of original purchase unless the installation instructions or catalogue sets forth a shorter period, in which case the shorter period shall apply. The Company's obligation shall be limited to repairing or replacing, at its option, free of charge for materials or labor, any part which is proved not in compliance with The Company's specifications or proves defective in materials or workmanship under normal use and service. The Company shall have no obligation under this Limited Warranty or otherwise if the product is altered or improperly repaired or serviced by anyone other than The Company. For warranty service, return transportation prepaid, to 9 Hannabus Place McGraths Hill NSW 2756 Australia.

There are no warranties, expressed or implied, of merchant ability, or fitness for a particular purpose or otherwise, which extend beyond the description on the face hereof. In no case shall The Company be liable to anyone for any consequential or incidental damages for breach of this or any other warranty, express or implied, or upon any other basis of liability whatsoever, even the loss or damage is caused by its own negligence or fault. The Company does not represent that the products it sells may not be compromised or circumvented; that the products will prevent any personal injury or property loss by burglary, robbery, fire or otherwise; or that the products will in all cases provide adequate warning or protection. Customer understands that a properly installed and maintained alarm system may only reduce the risk of a burglary, robbery, or fire without warning, but it is not insurance or a guarantee that such will not occur or that there will be no personal injury or property loss as a result.

Consequently, The Company shall have no liability for any personal injury; property damage or other loss based on a claim the product failed to give any warning. However, if The Company is held liable, whether directly or indirectly, for any loss or damage arising under this limited warranty or otherwise, regardless of cause or origin, The Company's maximum liability shall not in any case exceed the purchase price of the product, which shall be the complete and exclusive remedy against The Company. This warranty replaces any previous warranties and is the only warranty made by The Company on this product. No increase or alteration, written or verbal, of the obligations of this Limited Warranty is authorised.

14. TITLE TO GOODS

14.1 Notwithstanding delivery of the goods to the purchaser, until the purchaser has effected full payment for the Goods and any other goods previously supplied by The Company:

- a) legal title to the Goods will remain with The Company;
- b) the risk in the Goods will pass to the purchaser on delivery to the purchaser or its agent;
- c) the relationship between The Company and the purchaser will be fiduciary;

11.2 The Purchaser will:

- a) hold the Goods as bailee for The Company;
- b) keep the goods separate from other goods; and
- c) label the goods so that they are identifiable as the goods of The Company;

14.3 With The Company's consent (which is given) the purchaser is at liberty to sell the Goods, in the ordinary course of the purchaser's business, provided that the money from the sale will:

- a) be held in a separate account in trust for the vendor;
- b) not be mingled with other money; and
- c) not be placed into an overdrawn account

14.4 The purchaser is not an agent of The Company in any sale of the Goods by the purchaser.

14.5 After the happening of an Event of Default, the vendor may without demand retake possession of the Goods and may without notice sell the Goods on such terms and in such a manner as it determines and will be entitled to deduct all expenses incurred. For the purposes of recovering possession and without limiting the generality of the foregoing, the purchaser irrevocably authorises and licenses The Company and its servants and agents to enter any premises where any Goods may be stored and to take possession of the Goods.

15. RECOVERY OF COSTS

The customer will pay to The Company any costs and expenses incurred by it or its solicitors, legal advisers, mercantile agents and other parties acting on The Company's behalf in respect of anything instituted or being considered against the customer whether for debt, possession of any goods or otherwise.

16. FORCE MAJEUR

The Company will not be in default or in breach of any contract with the customer by as a result of Force Majeur. Force Majeur means beyond the reasonable control of The Company and includes any strike or lockout either directly or indirectly by any supplier of goods or services.

17. LEGAL CONSTRUCTION

Except as may be otherwise agreed by The Company, the contract shall be governed by the laws of the State of NSW.

Fax Order Form

Fax your order to: 02 4577 4885

Customer Details:

Company: _____

Contact: _____

ABN No. _____

Postal Address: _____

State: _____ Post Code: _____

Phone: _____ Fax: _____

Mobile: _____

Email: _____

Delivery Details:

- ☐ Express Post (Up to 3kg only)
☐ Road Freight (Std Road Freight Charges Apply)
☐ Pick Up - Location:

- ☐ McGraths Hill
☐ Haberfield
☐ Villawood
☐ Wollongong
☐ Your Nominated Freight Carrier

On all pick up items
sales staff will call to
confirm availability
& pick up times

Company: _____

Phone: _____

Account Code: _____

Delivery Address: _____

State: _____ Post Code: _____

Order No. _____



Payment Details:

- ☐ Account - A/C # _____
☐ Cheque / Money Order
☐ Direct Deposit
☐ Mastercard
☐ Visa
☐ Amex - (Surcharge Applies)

Card No. _____

Exp Date: ____ / ____

Card Holders Signature: _____

(Please Note: Credit card charges may apply)

Special Instructions: _____

Part No.	Description	Qty	Unit Price	Total Price

Please Fax to RhinoCo Technology on
02 4577 4885

Total Order Value	\$
Delivery	\$
GST	\$
ORDER TOTAL	\$

Please photocopy and use this page as often as required to order your products



INTERNATIONAL HEADQUARTERS AND BRANCHES



AUSTRALIA HEAD OFFICE

Address: 9 Hannabus Place McGraths Hill
NSW 2756, Australia
Phone: (+61) 2 4577 4708
Fax: (+61) 2 4577 4885
Email: sales@rhino.com.au

HABERFIELD BRANCH

Address: 223 Ramsay Street
Haberfield NSW 2045, Australia
Phone: (+61) 2 9716 0444
Fax: (+61) 2 9799 2024

VILLAWOOD BRANCH

Address: 71 Middleton Road
Villawood NSW 2163, Australia
Phone: (+61) 2 9743 8222
Fax: (+61) 2 9743 8590

WOLLONGONG BRANCH

Address: 85 Princes Highway,
Fairy Meadow NSW 2519, Australia
Phone: (+61) 2 4228 8737
Fax: (+61) 2 4228 8736

INTERNATIONAL SALES OFFICES & MANUFACTURING



UK SALES OFFICE

Address: Unit 6 Ubique Park, March Way,
Battlefield Enterprise Park, Shrewsbury,
SY1 3JE, United Kingdom
Phone: (+44) 0845 644 5421
Fax: (+44) 0845 644 5431
Email: sales@rhinoco.co.uk



ITALY SALES OFFICE

Address: 24 Piazza Garibaldi,
98034 Francavilla Di Sicilia (ME) Italy
Phone: (+39) 0942 989241
Fax: (+39) 0942 989241
Email: sales@rhinoco.it



SOUTH AFRICA OFFICE

Address: Route 21 Corp/ Park, Unit C3
Prospect Close, 311 Regency Drive,
Irene Ext 30, South Africa
Phone: (+27) 12 345 6626
Email: sales@rhinoco.co.za



NEW ZEALAND OFFICE

Address: 68d Paul Matthews Drive,
Albany, Auckland New Zealand 0751
Phone: (+64) 9 476 8052
Fax: (+64) 9 476 8059
Email: sales@rhinoco.co.nz



CHINA SALES OFFICE

Phone: (+86) 755 837 45889
Email: china@rhino.com.au



KOREA SALES OFFICE

Phone: (+82) 32 833300
Email: korea@rhino.com.au



TAIWAN SALES OFFICE

Phone: (+886) 6355188
Email: taiwan@rhino.com.au

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Australian Inspired Electronic Security – Since 1978